

**KENT-MOORE**

**SERVICE DEPARTMENT**

**TOOLS AND  
EQUIPMENT**









# About this Catalog...

THE KENT-MOORE SERVICE DEPARTMENT TOOL AND EQUIPMENT CATALOG is designed to provide the dealer and his service manager with a complete, up-to-date and reliable source for service tool and equipment information.

PERIODICALLY, ADDITIONAL PAGES FOR THIS CATALOG will be mailed to you. These pages will contain the facts about new items added to our line and will be keyed to the catalog by page and section number. The special envelope in which these pages will be mailed will be clearly marked "Additional pages for your Kent-Moore Catalog."

REGIONAL SALES AND SERVICE OFFICES AND ZONE REPRESENTATIVES are maintained by Kent-Moore in principal cities throughout the United States. The Kent-Moore Representative in your area is:

**PAUL G. CALENTINE**  
**KENT-MOORE ORGANIZATION INC.**  
**567 FOREST AVE.**  
**BUFFALO 13, N. Y.**  
**GRANT 1634**

When this catalog is presented to you, our representative will acquaint you personally with Kent-Moore sales and service policies. Contact him at any time thereafter and he will be happy to assist you in making an inventory of your special tools or in ordering items illustrated in this catalog. You are particularly urged to get in touch with him whenever you plan to order Kent-Moore equipment requiring demonstration, installation, training or other special service.



## KENT-MOORE

### *Service Warranty*

The price of Kent-Moore tools and equipment includes a one year guarantee from date of purchase against any defects in material or workmanship. Any necessary service needed on any Kent-Moore tools or equipment within one year, due to defects in material or workmanship, will be rendered free of charge at the Kent-Moore factories in Jackson, Michigan.

### *3 Ways to Purchase...*

1. **CASH WITH ORDER** — You save 5% by sending check with your order. You take no risk as all items are guaranteed and full amount will be refunded if not satisfied.
2. **C.O.D.** If desired shipment can be made by Parcel Post or Express C.O.D. or Sight Draft/Bill of Lading by Freight.
3. **BUDGET PLANS.** The Kent-Moore Representative will acquaint you with our Budget Plans when our service is explained to you, or upon request.

**ORDER BLANKS, INDEX AND PRICE LIST** are included in the back of this catalog for your convenience.





**"DUAL-TURRET"  
SERVICE MERCHANDISING UNIT**

**J 5101**

Heading Kent-Moore's new and versatile family of Service Merchandising Equipment is the J 5101 "Dual-Turret" Unit.

This master unit functions as a complete and organized center of service operations, permitting the mechanic to operate with maximum orderliness and efficiency. Built into the J 5101 "Dual-Turret" Unit are many modern, practical, basic design features exclusive to Kent-Moore Service Merchandising Equipment.

**UTIL-I-TURRETS**—Through the use of rotatable tool panels and trays, Util-i-Turrets enable the mechanic to derive maximum utility from the space provided for hand tools and small parts storage.

**MATCHED DESIGN**—Kent-Moore Units are designed

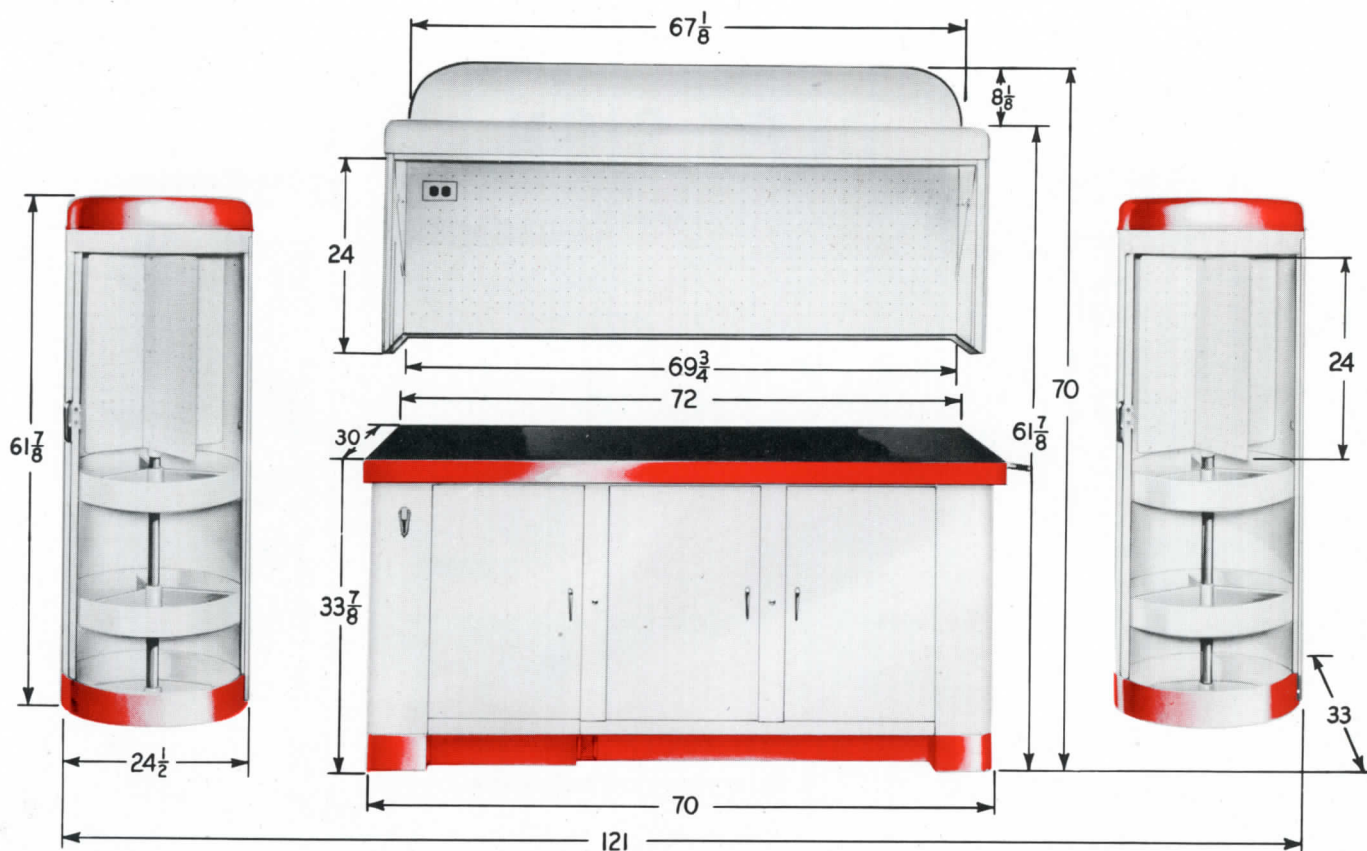


*"Dual-Turret" Service Merchandising Unit showing Transmission Department application.*

to harmonize with each other perfectly, giving a "tailored" appearance to the Dealer's service department.

**SECTIONAL CONSTRUCTION**—Permits the Dealer to select the exact equipment combination for his individual service department requirements.





### CONSTRUCTION FEATURES

**UTIL-I-TURRETS** A large, four bladed rotary tool panel, for mechanics' hand tools, and two divided small parts trays are included in each "Util-i-Turret." Turret center shafts are mounted on ball thrust bearings.

The sturdy semi-circular doors are mounted on the Turret center shafts. The doors slide back into the Turrets when opened. Each door is equipped with a locker type latch and padlock handle.

**CENTER SECTION** The over-center hinged steel curtain folds up completely out of sight when opened. The curtain is equipped with a latch and barrel type lock.

Large, perforated center section tool panel provides greater hanging area for special service tools. It is equipped with a double electric outlet and an adequate supply of tool clips and hangers.

A fluorescent lighting fixture brightly illuminates the department sign, tool panel and work bench area.

Department sign letters are red and stand out in bold relief. Letters are made of aluminum and clip firmly in a steel channel. Sign letters are not included as standard equipment.

**BENCH SECTION** The full size, six foot work bench has a 12 gauge steel top with tempered masonite cover

attached. Bench section includes: an air hose and gun, portable tool dolly and tote tray, divided waste cloth container, two large steel drawers and storage shelves.

Specially constructed, anti-warp, bench doors can be locked securely with the two barrel-type locks provided. The entire weight of this bench section is supported on its own fabricated channel legs and not on the sheet metal skirt of the bench.

The J 5101 "Dual-Turret" Service Merchandising Unit is sturdily constructed of heavy gauge sheet steel, finished in white baked enamel and trimmed in Chinese Red.

*Shipping Weight 843 lbs.*

### DEPARTMENT SIGN LETTERS

Department signs are comprised of individual letters, 5" in height painted Chinese red. As each Dealer's selection of sign letters will vary, these letters are not furnished as standard equipment. Select the individual letters you will require for your department sign and order them in addition to your Kent-Moore Merchandising Unit. (See price list.)





**"MONO-TURRET"  
SERVICE MERCHANDISING UNIT**

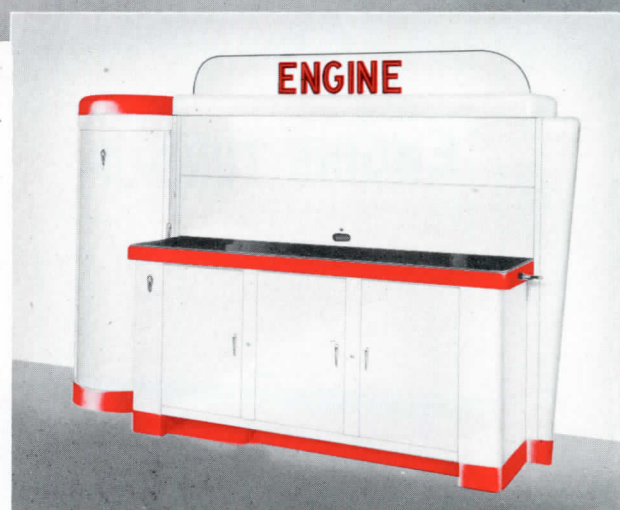
**J 5102**

The J 5102 "Mono-Turret" Service Merchandising Unit is particularly suited to Dealers who do not require two "Util-i-Turrets" or have floor space limitations to overcome.

This unit is identical with the J 5101 "Dual-Turret" Unit with the exception that it is equipped with one "Util-i-Turret" rather than two. The end opposite the "Util-i-Turret" is finished with an attractive metal Trim Wing. Otherwise, the "Mono-Turret" Unit includes the same inherent construction advantages and exclusive Kent-Moore features as the larger "Dual-Turret" Unit. Due to its Sectional Construction, a "Mono-Turret" Unit can be quickly and easily converted to a "Dual-Turret" Unit by removing the Trim Wing and replacing it with a "Util-i-Turret" to provide additional utility.

Matched Design assures perfect symmetry in the Service Department when installed with other Kent-Moore Service Merchandising Equipment.

The J 5102 "Mono-Turret" Unit can be supplied with the "Util-i-Turret" installed on either end of the unit. Illustrated above is a Right "Mono-Turret" Unit, below is a Left "Mono-Turret" Unit. Specify Left or Right



*Left "Mono-Turret" Unit showing Engine department application.*

"Mono-Turret" when ordering. Individual Sign Letters are ordered additionally. See Price List.

The overall width of the J 5102 "Mono-Turret" Unit is 103 inches at the top, 98½ inches at the bottom. Refer to preceding Pages 1 and 2, Section "A," for Construction Features and additional specifications.

*Shipping Weight 747 lbs.*





**"CENTER" UNIT**  
**J 5103**

The J 5103 Kent-Moore "Center" Unit is a compact, practical hub of operations for the Dealer's service department.

It requires less space than either the "Dual-Turret" or "Mono-Turret" unit. When your service operations require expansion of facilities, "Util-i-Turrets" can be easily added for increased utility.

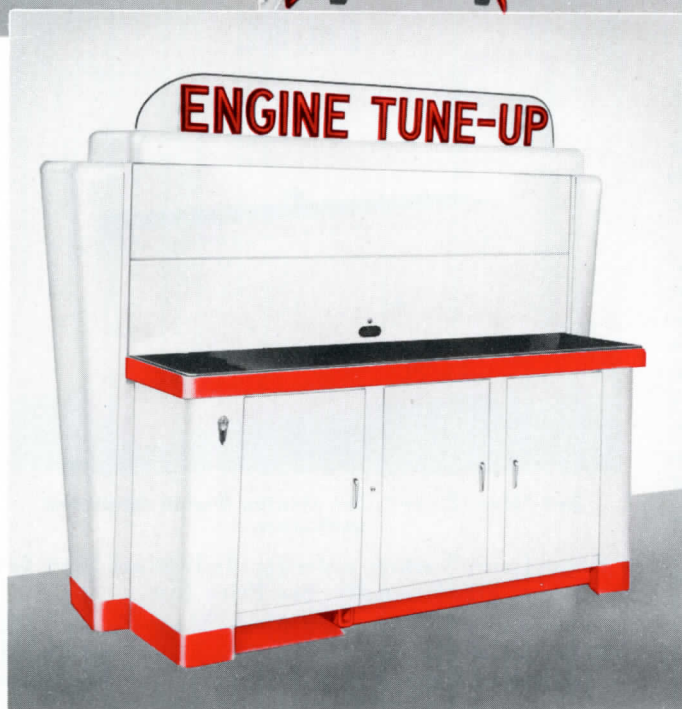
The "Center" Unit utilizes the same Bench and Center sections as the larger Kent-Moore Service Merchandising Units. Refer to Construction Features, Page 2, Section A, for additional information.

Individual Sign Letters are ordered additionally. See Price List.

*Shipping Weight 615 lbs.*

**Specifications**

	WIDTH	HEIGHT	DEPTH
OVERALL DIMENSIONS	87"	70"	29-1/2"
CENTER SECTION	72"	36-1/4"	13"
CENTER TOOL PANEL	72"	24"	
BENCH SECTION	72"	33-7/8"	30"
BENCH DRAWERS (2)	13-3/4"	4-7/16"	23-5/16"
PORTABLE TOOL DOLLY	14-1/2"	28"	23"
TOOL TOTE TRAY	6"	6"	15-13/16"



*Engine Tune-up Department application of J 5103 Center Unit.*

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

**SIX FOOT BENCH UNIT****J 5104**

This is the basic unit of Kent-Moore's New Service Merchandising Equipment family. It can be easily converted to any one of the larger units with the addition of a Center Section and "Util-i-Turrets" or Trim Wings.

The J 5104 Six Foot Bench Unit has a 12 gauge steel top protected by a tough, shock resistant, tempered masonite cover. The under side of the bench top is coated with a special compound for further insulation against sound and vibration.

The bench doors are constructed with a specially designed door stiffener to prevent warping and to give added strength.

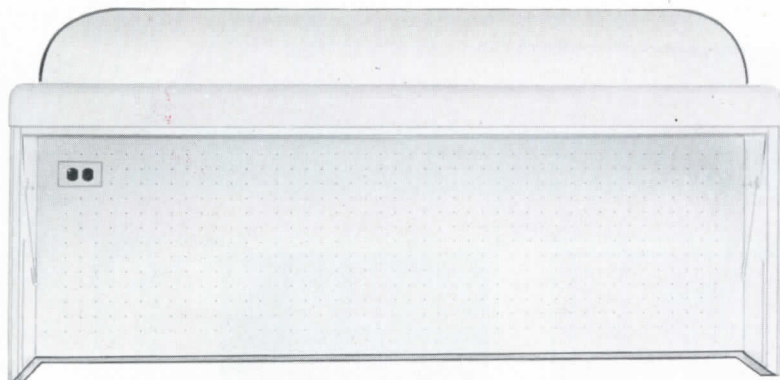
Standard equipment includes: an Air Hose and Gun, Portable Tool Dolly and Tote Tray, Divided Waste Cloth Container, two large steel Bench Drawers and Storage Shelves.

*Shipping Weight 409 lbs.*

**Specifications**

	WIDTH	HEIGHT	DEPTH
OVERALL DIMENSIONS	72"	39-7/8"	30"
BENCH TOP	72"	33-7/8"	30"
BENCH DRAWERS (2)	13-3/4"	4-7/16"	23-5/16"
STORAGE SHELVES (2)	20"	5"	24"
WASTE CLOTH CONTAINER	14"	14-3/8"	Top 12" Bottom 6"
PORTABLE TOOL DOLLY	14-1/2"	28"	23"
TOOL TOTE TRAY	6"	6"	15-13/16"





**CENTER SECTION (only)**  
**J 5105**

This section is provided for Dealers desiring to convert their J 5104 Six Foot Bench Units to any one of the larger Kent-Moore Service Merchandising Units. The J 5105 Center Section includes: Department Sign Reflector, Perforated Tool Board Panel, Hinged Steel Curtain, Fluorescent Lighting Fixture (less fluorescent tube), Tool Clips and Hangers, plus all the necessary hardware and wiring for proper installation. "Util-i-Turrets" or Trim Wings should also be ordered for attachment to the exposed ends.

*Shipping Weight 175 lbs.*



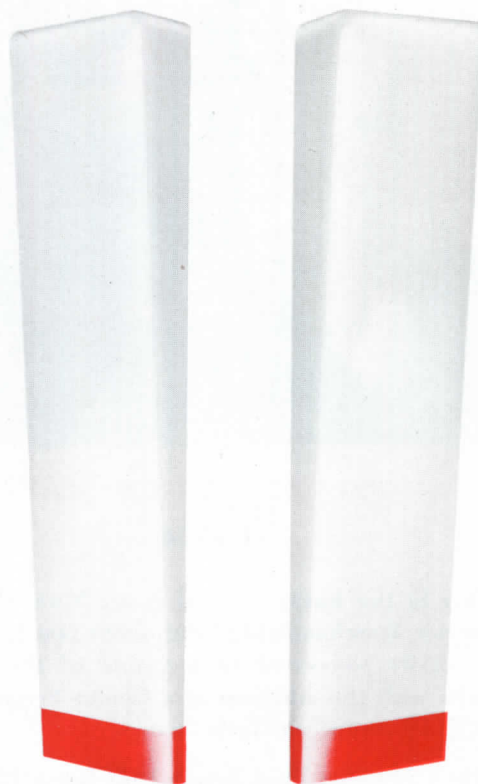
**"UTIL-I-TURRET"**  
**J 5106**

The "Util-i-Turret" is also provided for Dealers desiring to modify their smaller Kent-Moore Service Merchandising Units. The J 5106 "Util-i-Turret" includes: Turret and Door Assembly, Four Bladed Rotary Tool Panel, Tool Clips and Hangers, Divided Small Parts Trays (pair) and the Turret Center Shaft.

"Util-i-Turrets" are equipped with two spacer-connectors for attachment to the center unit.

Knock-out plugs on both sides of the "Util-i-Turret" permit installation on either end of the center unit. All necessary bolts and nuts for installation are included.

*Shipping Weight 117 lbs.*



**J 5107-L**

**J 5107-R**

**TRIM WINGS**

These attractive Trim Wings are available separately for attachment to the unfinished ends of a Bench Unit and Center Section assembly. Trim Wings are shipped complete with all necessary nuts and bolts for attaching. A Left Trim Wing is understood to be the one on your left side as you face the Merchandising Unit. Be sure to specify Left or Right Trim Wing when ordering.

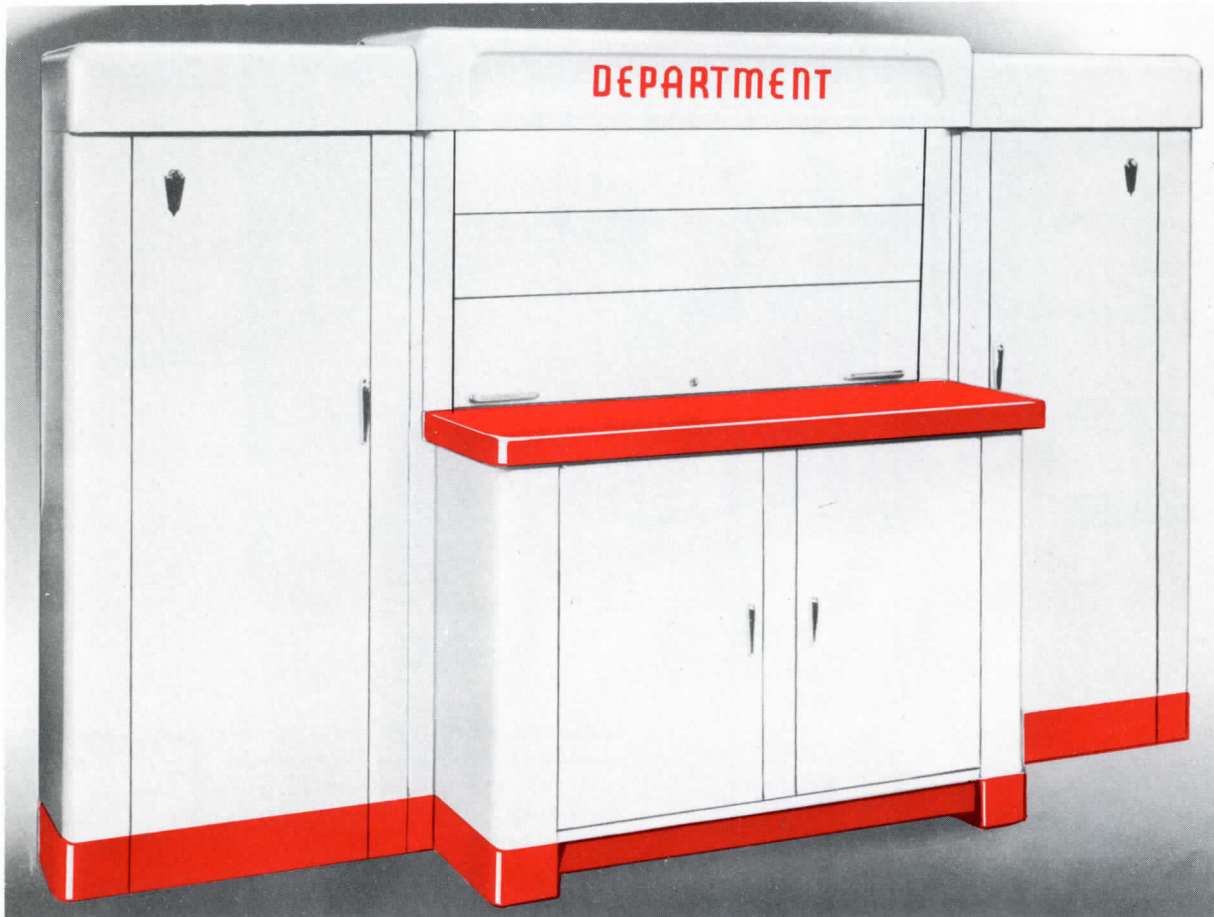
*Shipping Weight 21 lbs.*

# SIGN LETTERS

**DEPARTMENT SIGN LETTERS**

Department Sign Letters are not included with Kent-Moore Service Merchandising Units due to the variety of department signs required by different dealers. Therefore, each dealer should specify the individual sign letters he desires and order them in addition to his Kent-Moore Service Merchandising Units.

Sign Letters are 5 inches in height, painted Chinese red and are securely clipped in the retainer channel in front of the Department Sign Reflector.

**DEPARTMENT SERVICE MERCHANDISER—J-5031-A****Modernistically Designed for... Practical Service Utility**

The J-5031-A Department Service Merchandiser is constructed of heavy gauge sheet steel finished in brilliant white baked enamel and trimmed in Chinese Red.

The unit is not only attractive but is designed to serve as a center of service operations for each department. Its many special features save valuable mechanic's time and its business-like appearance will result in more favorable customer reaction.

- Heavy Gauge steel bench top, smoothly finished, insulated against sound and vibration.
- Self retracting air gun with rubber stop collar, 5 ft. rubber hose.

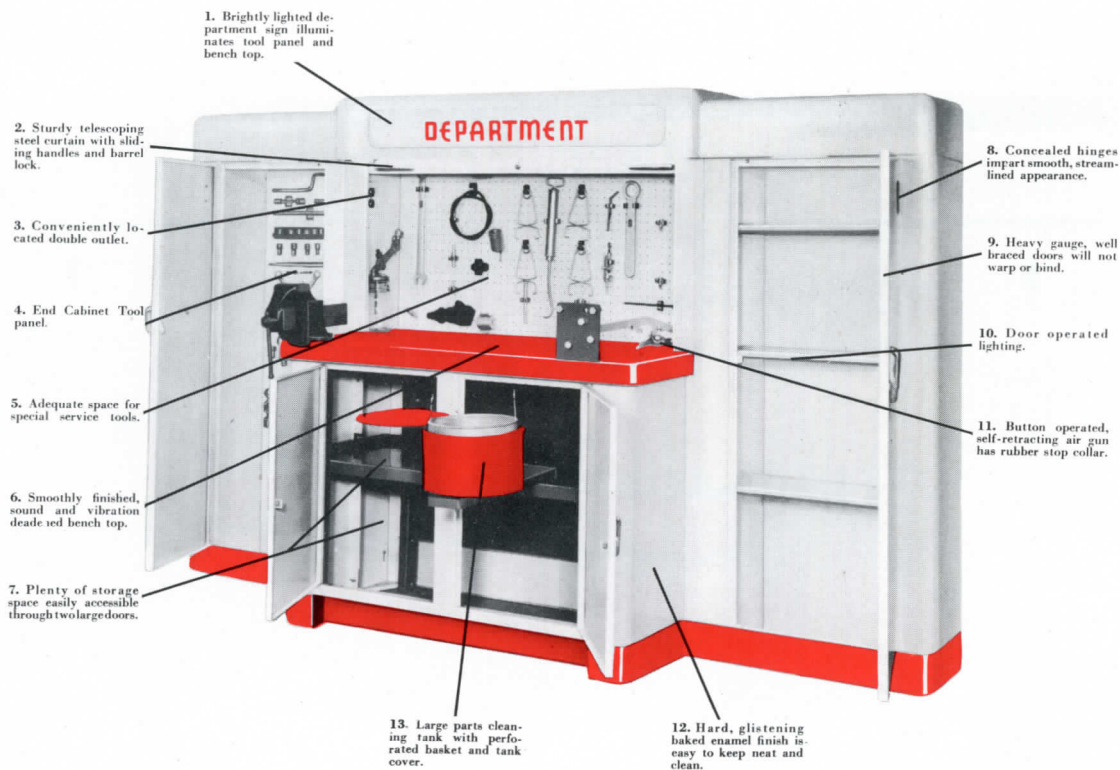
- Removable special Tool Panel, perforated for tool clips and hangers.
- Telescoping steel curtain which can be securely locked.
- Retractable parts cleaning tank with cover and perforated basket.
- Work Bench, special tool panel and department sign illuminated by fluorescent lighting.
- Complete selection of department identification signs.

These advance construction features make the J-5031-A Department Service Merchandiser the outstanding value in modern, efficiently designed service equipment.

(For specifications see next page.)



## Special Features



Indicated above are many of the special features built into the Kent-Moore Department Service Merchandiser, each of which contributes greatly toward increasing mechanic efficiency and producing better work at greater profits.

The J 5031-A Department Service Merchandiser comes complete in every detail, ready to assemble—no extras to buy.

\*Each Merchandiser includes an assortment of tool clips and hangers with which all shapes of tools can be attached to the perforated tool panels.

In addition, there is a wide selection of glass department signs from which to choose—be sure to specify the department sign you select when ordering your Merchandiser.

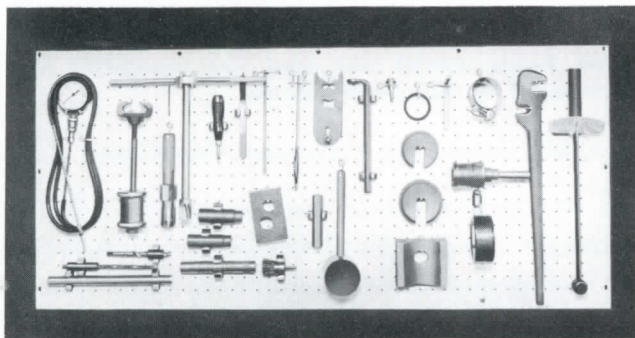
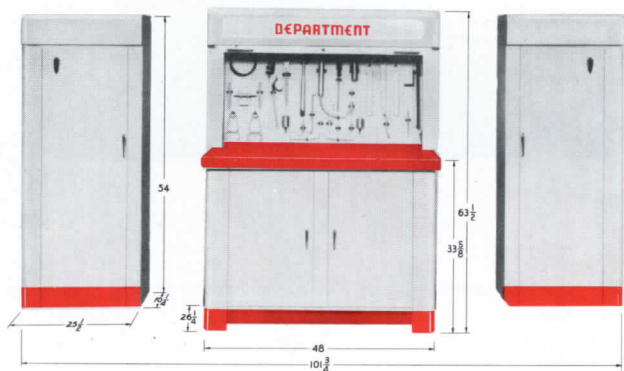
### AVAILABLE DEPARTMENT SIGNS

BRAKES	SHOCK ABSORBERS
CARBURETOR & FUEL PUMP	VALVES & CARBON
ENGINE	HEAD LIGHTS
ENGINE TUNE-UP	STEERING
CLUTCH—TRANSMISSION	HYDRA-DRIVE
REAR AXLE	PLAIN (BLANK)

For signs other than those listed above, order Plain glass so that you may have the sign lettered as preferred.

Additional Center Sections, End Cabinets, Shelves, and Perforated Tool Panels can be purchased separately if desired—See your Kent-Moore Representative or write Kent-Moore for detailed information.

J 5031-A Shipping Weight 625 lbs.



\*Illustration of typical Center Section Tool Panel with tools attached.

**CUSTOMER RECEPTION DESK****J-5032****Welcome Your Customers**

The first point of contact in selling Service is at the Service Desk with the man who writes the order, whether it is the Service Manager or Service Salesman.

A neat, well organized customer reception area has an inviting atmosphere making a favorable customer impression upon initial contact.

The Kent-Moore Customer Reception Desk is specially designed to blend with other items of Kent-Moore Service Merchandising Equipment. It is finished in gleaming white baked enamel and trimmed in bright Chinese Red. The desk top is tilted to the proper writing angle and covered with a non-skid, non-glare, long wearing composition material. It is well illuminated by a flood of light from the desk sign. A sliding drawer is provided for repair orders and writing material.

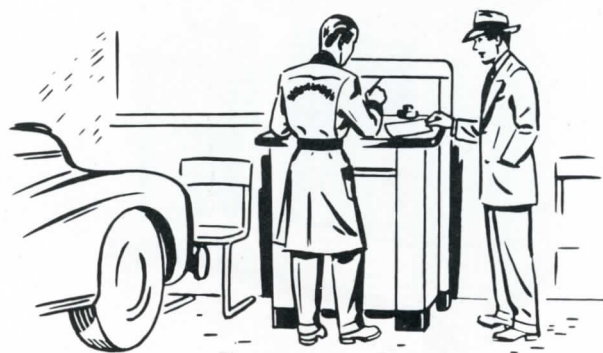
The extra large lower compartment with shelf is a convenient storage space for additional supplies and materials.

Toe space beneath the desk prevents scuffing of the cabinet.

**SPECIFICATIONS**

Model J-5032	Height	Width	Depth
Service Desk .....	58 $\frac{3}{4}$ "	39 $\frac{3}{8}$ "	26 $\frac{3}{4}$ "
Desk Top .....		38 $\frac{7}{8}$ "	18"
Drawer .....	4"	23"	24"
Storage Compartment .....	30"	35"	17"

Shipping Weight 230 lbs.





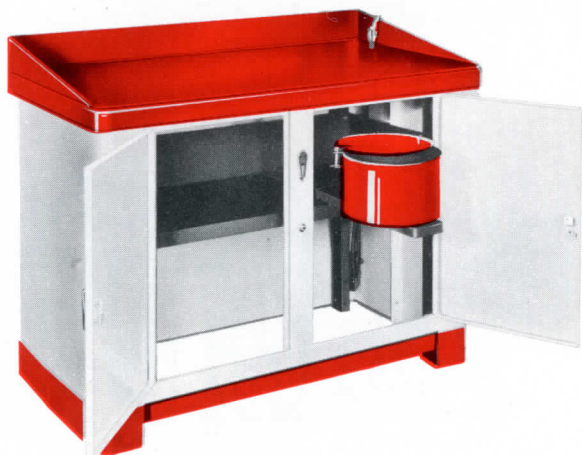
# DEPARTMENT SERVICE BENCH

J-5040

THIS NEW AND MODERN DEPARTMENT SERVICE BENCH represents an improvement in design, appearance and utility. It is specially designed to harmonize with other items of Kent-Moore Service Merchandising Equipment.

The heavy steel bench top is coated underneath with a vibration and sound deadening compound.

The bench unit is constructed of heavy gauge steel and provides a large storage space and shelf, accessible through two wide sturdy doors equipped with barrel type locks.



Standard equipment includes an air hose, blow gun and parts cleaning tank that disappears into the cabinet when not in use. The steel guard rail around the bench top is optional equipment at slight additional cost.

## SPECIFICATIONS

	Length	Width	Height	Shipping Weight
Model J-5040 .....	4'	26 $\frac{1}{4}$ "	33 $\frac{5}{8}$ "	295 lbs.
Guard Rail J-5040-SA-2				10 lbs.

Shelf is 39 $\frac{3}{4}$ " long, 17" deep located 19" from floor.  
Specify with or without guard rail, when ordering.

**STEEL WORK BENCHES (6 ft.)****KMO 709** — (with drawer as illustrated)**KMO 710** — (less drawer)

These sturdily constructed, all steel work benches are fireproof and built for long term service. They are ideal equipment for the modern service department and are available at a very low cost.

**STEEL SHOP DOLLY****KMO 711**

Very useful for transporting parts and tools to the job, this all steel parts dolly is made of heavy gauge steel and equipped with a steel tool drawer, with cylinder lock and free running rubber tired casters.

**SPECIFICATIONS**

Height 35", Width 24", Depth 18"  
Drawer size 14" x 20" x 5". Finish: Olive Green  
Net weight 60 lbs. Shipped knocked down.

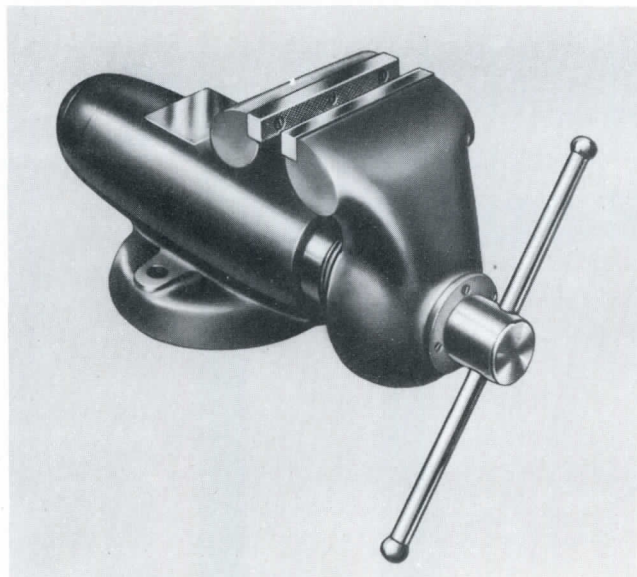
**SPECIFICATIONS**Length 72", Width 23 $\frac{3}{4}$ "Bench Height 33 $\frac{5}{8}$ "

Finish: Olive Green

Model KMO 709 is equipped with a steel drawer, size 14" x 20" x 5", complete with cylinder lock. Net weight 160 lbs. Shipped knocked down.

Model KMO 710 is as illustrated, less the drawer. Net weight 140 lbs. Shipped knocked down.





## BENCH VISES

Available in six different sizes, with or without swivels, these precision built bench vises are unexcelled for quality and value. Every part is machined to very close tolerances and perfectly fitted. Each vise includes such outstanding features as: Entirely closed body prevents entry of dust and chips—precisely threaded steel spindle which is not exposed and will not wear—horizontally anchored nut which gives an even, central pull, eliminating lost motion and undue strain—Surface ground anvil—Jaws, precisely parallel. Sold under five-year guarantee against defective material and workmanship, these vises are practically indestructible. Available with or without swivel as specified below. Order by equipment number. See price list for price information.

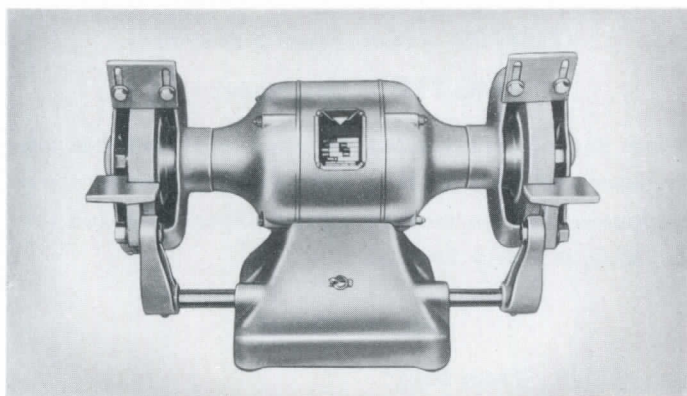
### Specifications

#### STANDARD BENCH VISES

Equipment No. (With Swivel)	Width of Jaws	Maximum Opening	Depth of Throat	Shpg. Wgt. (With Swivel)	Shpg. Wgt. (Without Swivel)	Equipment No. (Without Swivel)
KMO 701	3"	4"	2-3/16"	23 lbs.	20 lbs.	KMO 490
KMO 702	4"	5 1/4"	2 5/8"	40 lbs.	35 lbs.	KMO 491
KMO 703	4 1/2"	5 1/4"	2 5/8"	42 lbs.	37 lbs.	KMO 492
KMO 704	5"	8"	3 3/8"	66 lbs.	58 lbs.	KMO 493

#### HEAVY DUTY VISES

Equipment No. (With Swivel)	Width of Jaws	Maximum Opening	Depth of Throat	Shpg. Wgt. (With Swivel)	Shpg. Wgt. (Without Swivel)	Equipment No. (Without Swivel)
KMO 705	4"	7"	3"	57 lbs.	46 lbs.	KMO 513
KMO 706	4 1/2"	8"	3 3/8"	64 lbs.	57 lbs.	KMO 514



### Specifications

1/3 H.P. Capacitor Motor  
Voltages: 110; 125; 150; 220; 250  
50/60 cycle, single phase  
6" dia. wheels, with 3/4" face and 1/2" hole  
Weight 55 lbs.

## BENCH GRINDER

**KMO 494**

(6" Dia. Wheels)

KMO 494 is a heavy duty bench grinder featuring many new developments which facilitate quicker starting, continuous operation under heavy loads and longer service life.

The new super-powered, precision balanced motor is equipped with oversize sealed ball bearings and requires less than 15 amperes to start. Continuous induction run provides extra power for steady, heavy duty service. New knee action tool rests permit straight or angle grinding. Enclosed wheel guards are wider for wire brush wheels and equipped with exhaust connections. Grinder includes: One coarse and one fine 6" wheel, heavy duty switch and 10 ft. rubber covered cord.

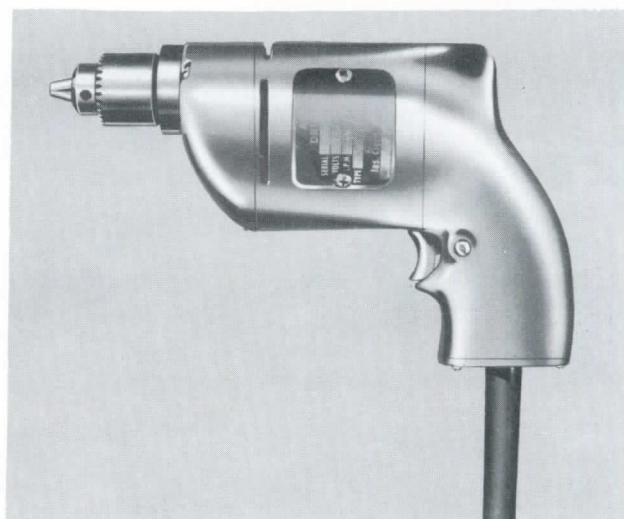
**ELECTRIC DRILL****KMO 673—1/4"**

The KMO 673 Electric Drill is durable, light in weight and features a universal AC-DC motor with ball bearings throughout, two-pole quick action, safety switch with trigger lock and heat treated helical gears.

Each drill is equipped with a 3 jaw Jacobs key-type chuck and key, and a 3 conductor flexible cord with unbreakable 2 prong plug.

**SPECIFICATIONS**

Speed (no load) — 1700 R.P.M.	Overall length — 8 1/4"
Speed (full load) — 1000 R.P.M.	Net weight — 3 lbs.
Universal AC-DC, 115 Volt Motor	

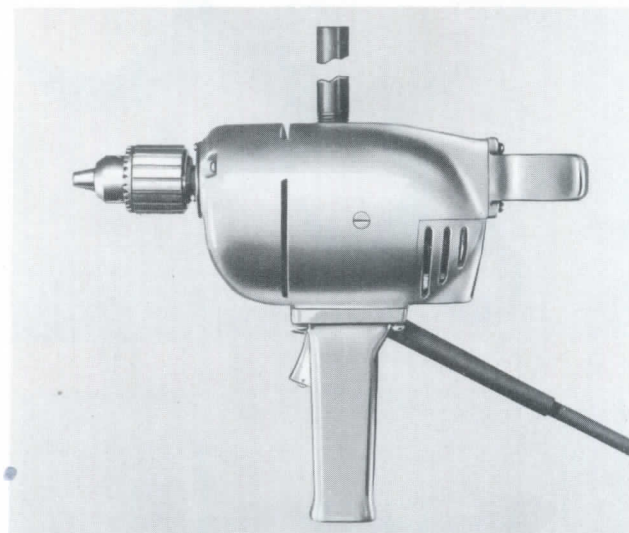
**ELECTRIC DRILL****KMO 674—1/2"**

Modernistic in design, the KMO 674 is a precision built drill with complete ball bearing construction, aluminum alloy castings, heat treated helical gears and universal AC-DC, 115 Volt Motor.

Standard equipment includes: a 3 jaw Jacobs key-type chuck and key, a two-position removable spade handle, two-pole automatic switch and a three conductor flexible cord with unbreakable plug.

**SPECIFICATIONS**

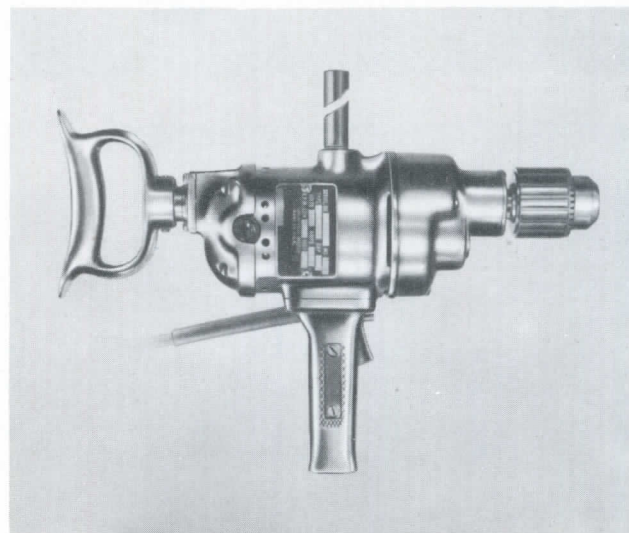
Speed (no load) — 750 R.P.M.	Overall length — 12 1/4"
Speed (full load) — 350 R.P.M.	Net weight — 11 1/4 lbs.
Universal AC-DC, 115 Volt Motor	

**ELECTRIC DRILL****KMO 636—5/8"**

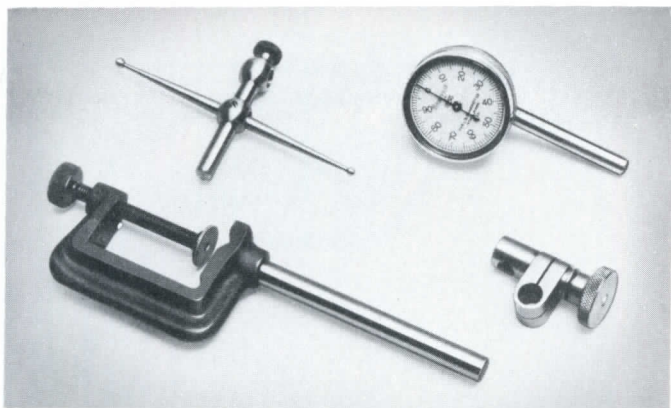
This 5/8" electric drill is ideal for general purpose duty and is equipped with a swivel back handle and breast plate and additional side handle for operator safety and convenience. The drill features a 115 volt universal type AC-DC motor with heavy duty safety switch and trigger lock. Precision ball bearings are used throughout. Standard equipment includes: a 3 jaw Jacobs chuck and key and a 3 conductor flexible cord with 2 prong unbreakable plug.

**SPECIFICATIONS**

Speed (no load) — 450 R.P.M.	Overall length — 17"
Speed (full load) — 300 R.P.M.	Net weight — 19 lbs.
Universal AC-DC, 115 Volt Motor	





**DIAL INDICATOR AND ATTACHMENTS****KMO 30**

For checking operations that require a dial indicator gauge, this gauge set is very accurate, reliable and easily read. The gauge dial is graduated in thousandths of an inch, one revolution indicates one-tenth of an inch, capacity of gauge is two-tenths.

The dial indicator is adjustable to zero for direct reading and each indicator includes 3 hardened contact points for various types of work. Furnished with attachments illustrated, KMO 30 consists of:

KMO 30-B—Dial Indicator Only	KMO 30-G—Indicator Clamp
KMO 30-F—Hole Attachment	KMO 30-K—Indicator Sleeve

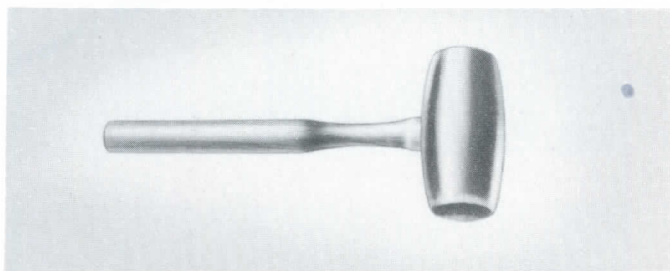
**MICROMETER SET****KMO 436**

Reliable, accurate micrometers are essential to quality workmanship and this micrometer set adequately covers the needs of the average repair shop. Each instrument is clearly marked with a decimal table on the barrel and features a ratchet stop.

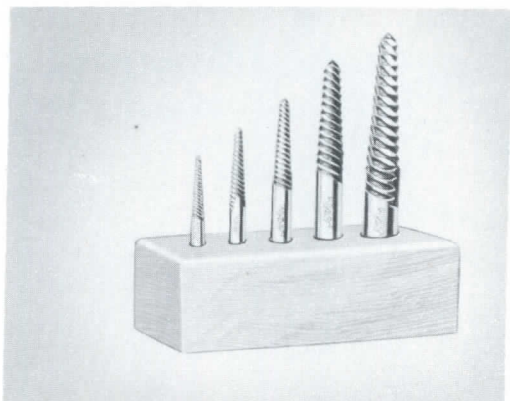
Set includes four micrometers of the following sizes:

KMO 436-1—0 to 1 inch	KMO 436-3—2 to 3 inches
KMO 436-2—1 to 2 inches	KMO 436-4—3 to 4 inches

Note: Micrometers can be purchased separately—Specify part number when ordering—See price list.

**COPPER HAMMER****KMO 720**

Hammer has a solid copper head and eliminates the danger of flying steel chips and damage to hardened tools and parts. Net weight 2 lbs.

**SCREW EXTRACTOR SET****KMO 1134**

These screw extractors take a positive grip which will quickly remove deeply imbedded screws or broken studs, turning them out on their own threads. Extractors do not require hammering as they feed themselves into the drilled hole.

Set includes 5 extractors for all screw sizes ranging from 3/16" in diameter to 3/4" in diameter.

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

**LIGHT DUTY WELDING OUTFIT****KMO 527**

KMO 527 includes 1 each of the following items:

KMO 527-6—No. 7-E-C Hi-Speed Welding Torch

KMO 527-1—No. 1 "E" Type Tip

KMO 527-2—No. 2 "E" Type Tip

KMO 527-3—No. 3 "E" Type Tip

KMO 527-4—No. 4 "E" Type Tip

KMO 527-5—No. 5 "E" Type Tip

KMO 528—No. 134-BE Oxygen Regulator with 150 lb. and 3000 lb. Gauges

KMO 529—No. 134-AD Acetylene Regulator with 50 lb. and 500 lb. Gauges

KMO 530—Commercial to P.O.L. Adaptor

KMO 527-7—12½ ft. Siamese Hose with Connections

KMO 531—Outfit Wrench

KMO 532—Round File Lighter

KMO 533—Pr. Welding Goggles—No. 16 Lens, No. 6 Shade Green

*Note: Any part of KMO 527 can be ordered separately. Specify part number when ordering. See price list.*

**CUTTING ATTACHMENT****KMO 534**

*(for KMO 527 Light Duty Welding Outfit)*

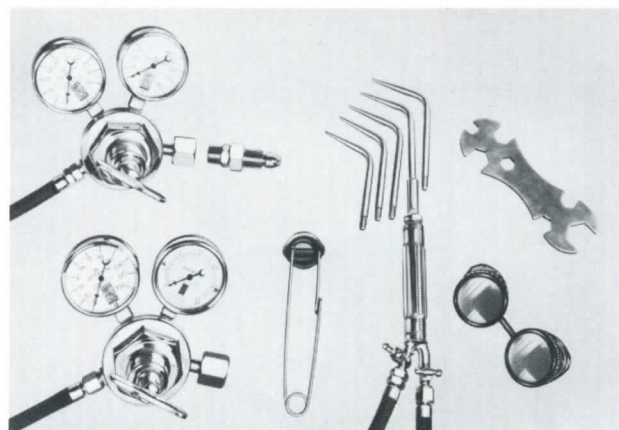
Designed to be attached to KMO 527-6 Welding Torch for cutting purposes. Includes 3 cutting tips. KMO 534 consists of:

KMO 534-1—C-7 Cutting Torch (less tips)

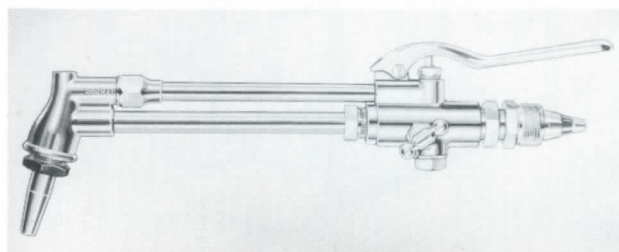
KMO 534-2—No. 0 Cutting Tip

KMO 534-3—No. 1 Cutting Tip

KMO 534-4—No. 2 Cutting Tip



This acetylene welding outfit is recommended for light and medium work. Particularly efficient for high speed sheet metal operations up to ¼" steel plate.

**GENERAL PURPOSE WELDING OUTFIT****KMO 535**

KMO 535 includes one each of the following items:

KMO 535-1—No. 4-E-C Hi-Speed Welding Torch

KMO 527-2—No. 2 "E" Type Elbow Tip

KMO 527-4—No. 4 "E" Type Elbow Tip

KMO 535-6—No. 6 "E" Type Elbow Tip

KMO 535-8—No. 8 "E" Type Elbow Tip

KMO 535-10—No. 10 "E" Type Elbow Tip

KMO 528—No. 134-BE Oxygen Regulator with 150 lb. and 3000 lb. Gauges

KMO 529—No. 134-AD Acetylene Regulator with 50 lb. and 500 lb. Gauges

KMO 530—Commercial to P.O.L. Adaptor

KMO 535-7—12½ ft. Siamese Hose with Connections

KMO 531—Outfit Wrench

KMO 532—Round File Lighter

KMO 533—Pr. Welding Goggles—No. 16 Lens, No. 6 Shade Green

*Note: Any part of KMO 535 can be ordered separately. Specify part number when ordering. See price list.*

**CUTTING ATTACHMENT****KMO 536**

*(for KMO 535 General Purpose Welding Outfit)*

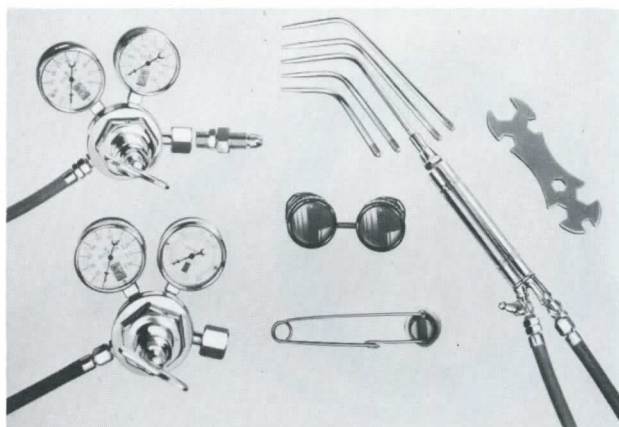
Designed to be attached to KMO 535-1, Welding Torch for cutting purposes. Precision built, light weight and economical to use. Includes 3 cutting tips. KMO 536 consists of:

KMO 536-1—C-4 Cutting Torch (less tips)

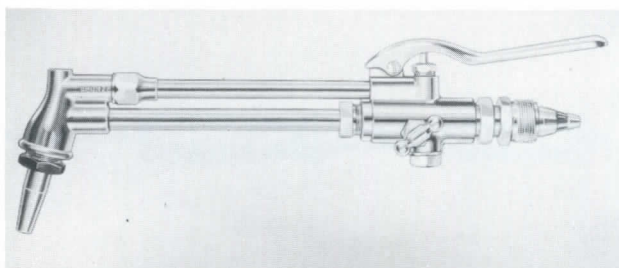
KMO 534-2—No. 0 Cutting Tip

KMO 534-3—No. 1 Cutting Tip

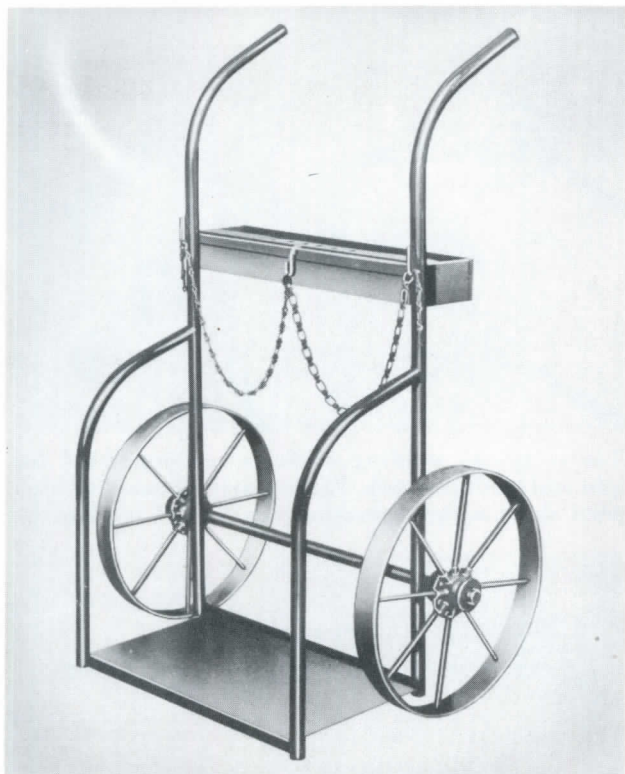
KMO 534-4—No. 2 Cutting Tip



Built to withstand severe operating conditions, the KMO 535 will meet general purpose welding requirements from the lightest to the heaviest duty shop work.







### WELDING CYLINDER TRUCK

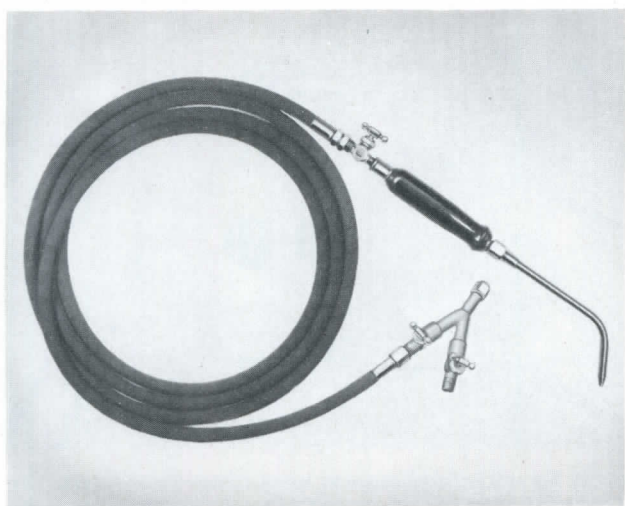
#### KMO 1141

The KMO 1141 Welding Cylinder Truck, is of welded all steel construction, with a full size platform and a heavy sheet metal tool box.

The truck frame and handles are of 1-inch tubular steel pipe, with a cylinder safety chain attached to the frame uprights. The steel wheels are 18 inches in diameter with 2-inch steel tires.

The unit is carefully balanced to facilitate ease of handling.

Weight 55 lbs.



### SOLDERING TORCH AND BRAZING OUTFIT

#### KMO 260

KMO 260 can be attached to any standard acetylene tank regulator whenever a quick torch flame is required for battery and radiator work, paint burning, light brazing, etc. A convenient control valve is attached to the rear block permitting pressure adjustments at the torch rather than at the tank. Bone finished fibre handle remains cool and gives lightness of balance.

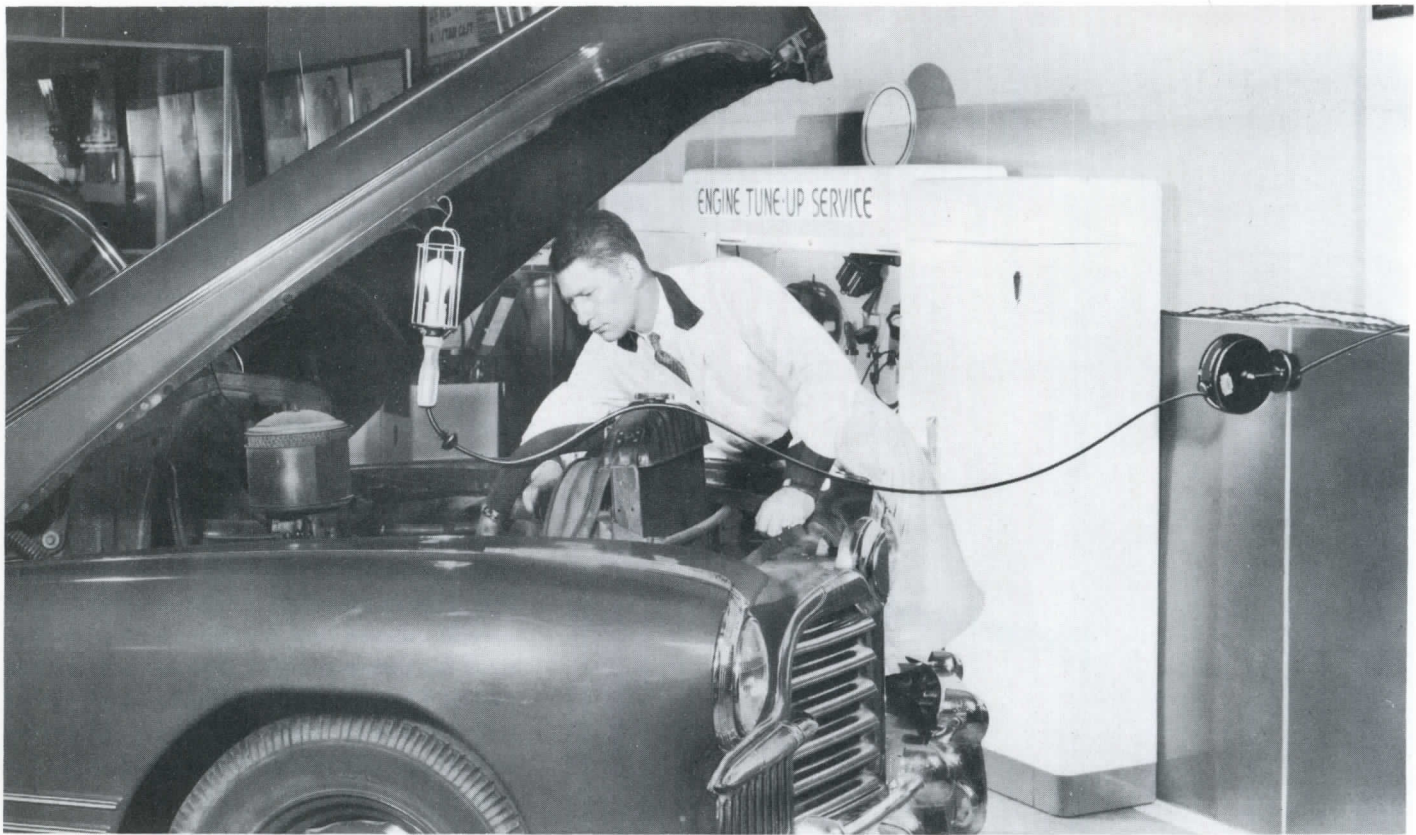
KMO 260 Outfit includes: A No. 10 Soldering Torch—Two-way Valve Connection—12½ ft. Length of Hose.



### SOLDERING IRON

#### KMO 499

This 150-watt soldering iron, with 1⅛" tip, is ideal for general shop work. Element is of highest quality nichrome wire, wound on amber mica. Electrolytically pure copper tip. Supplied complete with 6 ft. cord and metal stand. Shipping weight 2 lbs.

**"REELITE"****KMO 501**

The KMO 501 "Reelite" adds convenience, appearance and efficiency to your service department by providing light when and where you want it.

Always neat in appearance, your Reelite can be installed hanging from the ceiling or mounted on the wall. Eliminates time lost locating and unravelling entangled extension cords. Aisles are kept free, light is always in the same place, bulb replacements are less frequent and "Reelites" last from four to six times longer than ordinary extensions.

The cord is automatically controlled by a reeling device with a ratchet stop similar in principle to a window shade. The mechanic can set the light to any distance up to 25 ft. from the "Reelite" base. When released, the light cord automatically returns to the "Reelite" housing.

**Specifications**

*Bulb Guard*—Heavy duty steel wire—half reflector—wooden handle.

*Cord*—25 ft. of 18 gauge, 2 conductor rubber covered cord.

*Housing*—7¼" in diameter with bracket to fit standard 3¼" or 4" octagonal outlet boxes—finished in grey enamel.





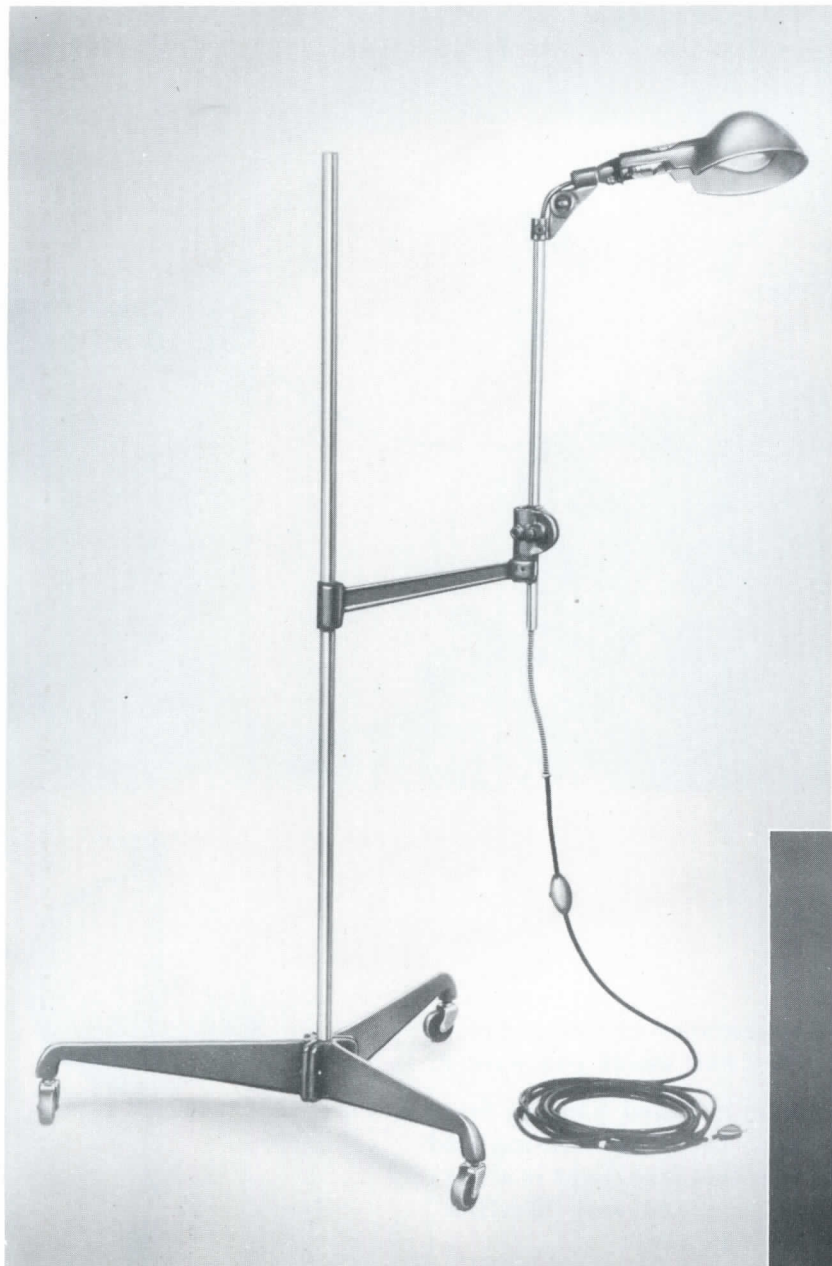
## "GARAGE-MAN" LIGHT

### KMO 503

The KMO 503 "Garage-Man" Light is a portable and adjustable fixture that directs a flood of light exactly where you want it, keeps it there, and in effect serves as an additional hand for the mechanic.

Quickly adjustable to any position or angle from the floor level to a height of 8 ft., this extremely versatile light increases shop efficiency by making the job easier and saving time. It is the shop light every mechanic needs.

The light is mounted on an adjustable arm with special friction joints which eliminate slippage and the necessity of adjustments. The arm is attached to the standard by a special easy-sliding friction sleeve, for vertical adjustment—and it stays where you put it! The standard is sturdily constructed with a heavy cast iron base featuring hard composition wheels on non-conductive casters.



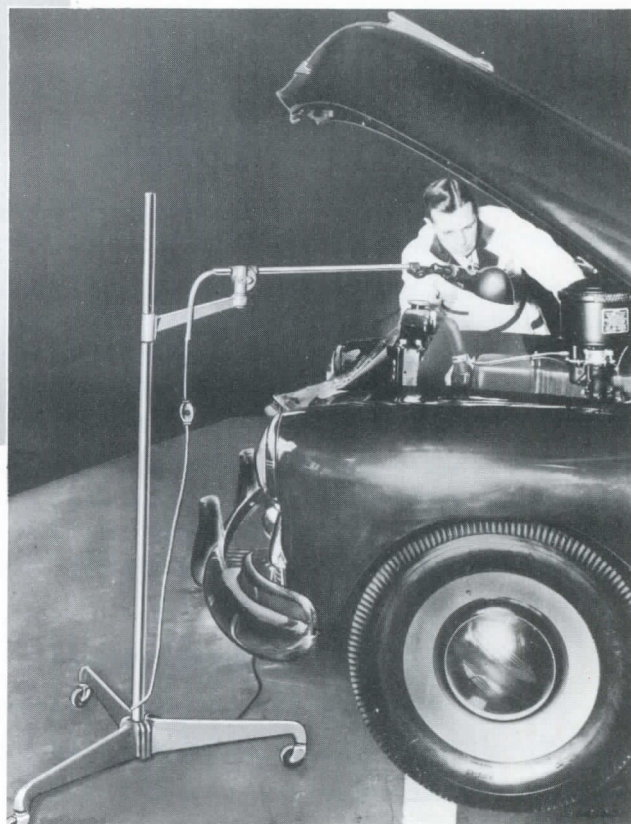
### Specifications

**Reflector**—Cast aluminum—accommodates up to 150 watt bulb—adjustable from floor level to height of 8 ft.—Underwriters' Laboratory approved.

**Cord**—Approved, 2 conductor, rubber covered cord—25 ft. in length.

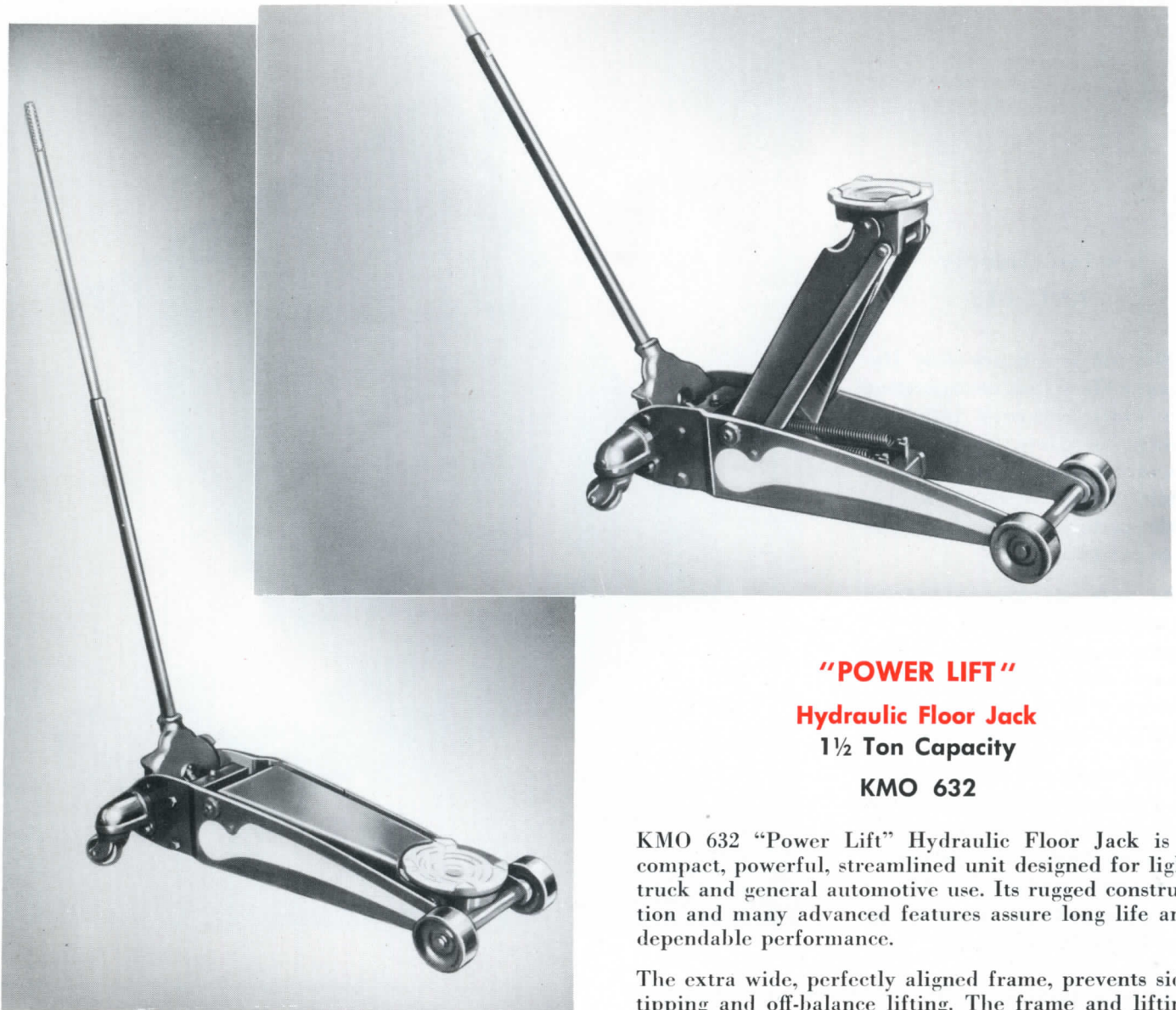
**Standard**—Height 59"—Reach of Arm 46" radius—hard composition wheels—non-conductive casters—Red Finish.

Shipping Weight—32½ lbs.



**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

**"POWER LIFT"****Hydraulic Floor Jack****1½ Ton Capacity****KMO 632**

KMO 632 "Power Lift" Hydraulic Floor Jack is a compact, powerful, streamlined unit designed for light truck and general automotive use. Its rugged construction and many advanced features assure long life and dependable performance.

The extra wide, perfectly aligned frame, prevents side tipping and off-balance lifting. The frame and lifting arm are of solid steel, reinforced for high load resistance. The lifting arm is activated by an all steel hydraulic pump with chrome plated piston and oil resistant neo-prene seals. A slight twist of the telescopic pumping handle quickly lowers the lifting arm.

Extra large malleable iron saddle further insures stability and balance.

The built-in over-load release valve is an especially desirable safety feature.

Malleable iron casters are of radial ball bearing construction—front wheels are solid.

Jack is finished in yellow and blue color combination.

Low, fast operating and easy to handle, the KMO 632 Hydraulic Jack is the leader in its field.

**Specifications**

Capacity .....	3000 lbs.
Power Raise .....	16¾"
Saddle High Point .....	20½"
Saddle Low Point .....	3¾"
High Point of Frame .....	6"
Length of Chassis .....	28"
Length of Handle .....	48"
Diameter of Saddle .....	5¾"
Diameter of Front Wheels .....	3¼"
Diameter of Casters .....	2"
Net Weight .....	80 lbs.
Shipping Weight .....	94 lbs.



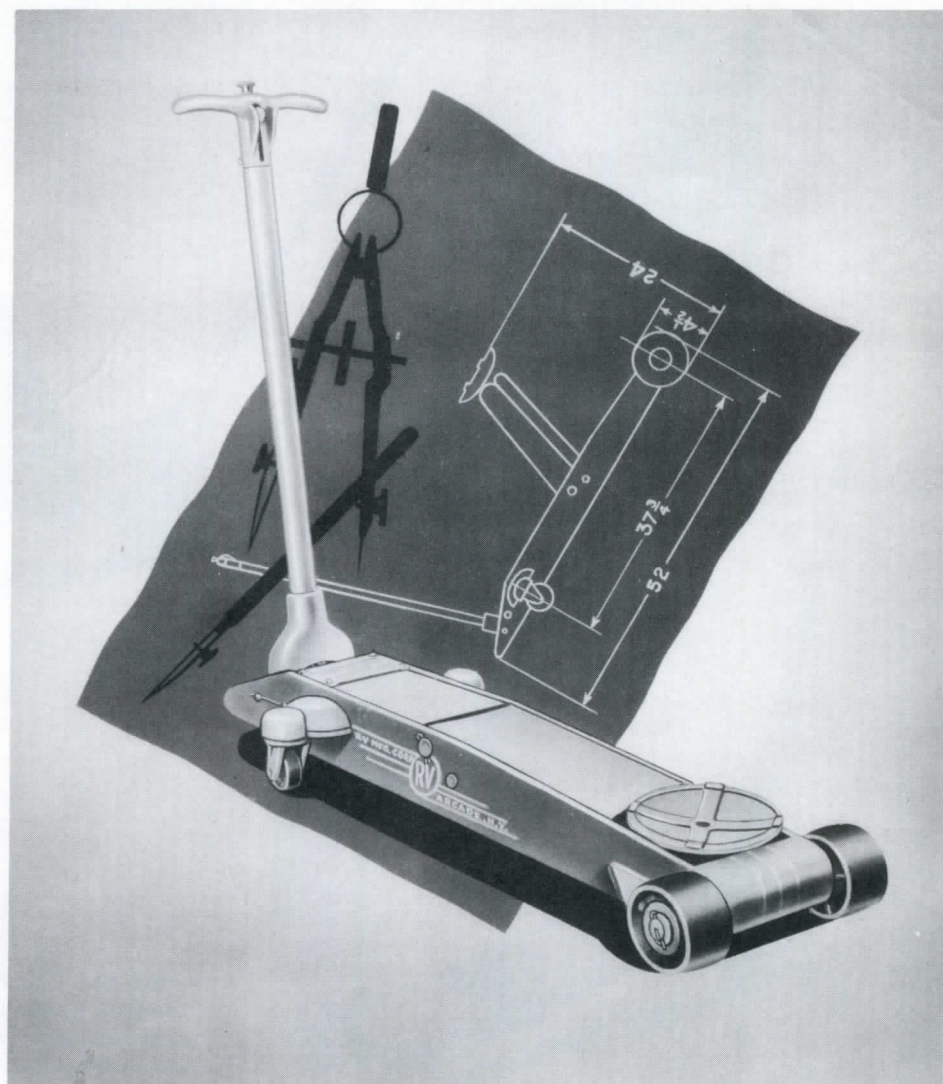
## HYDRAULIC FLOOR JACK

**4 Ton Capacity  
KMO 633**

KMO 633 is a heavy duty Hydraulic Floor Jack incorporating the most advanced improvements in safety, construction, engineering and design. It is built to give years of dependable performance and trouble free service.

The wide, sturdily constructed frame is exceptionally low and features welded front wheel guards and a large foot plate at the rear, to permit tipping the jack for easy maneuverability.

Wide, crowned front wheels mounted on roller bearings and swivel casters on two sets of ball bearings, further increase ease of movement under load. Wheels are equipped with grease fittings for lubrication.



The large precision built hydraulic pump is equipped with a special "V" type packing to eliminate leakage. The tamper-proof overload valve remains dependable throughout life of jack and the self cleaning ball release valve is fool proof.

Finger tip control is fully protected against accidental lowering and full sweep handle motion permits higher speed lifting.

The large, round saddle is dished and ribbed to prevent slippage — saddle is steel forging for maximum strength.

Fine workmanship and the many construction advantages of KMO 633 make it the logical choice of heavy duty floor jacks.

### Specifications

Capacity .....	8000 lbs.
Saddle High Point .....	25"
Saddle Low Point .....	4"
Length of Chassis .....	52"
Width of Chassis .....	12 5/8"
Diameter of Front Wheels .....	4 1/2"
Width of Front Wheels .....	2 1/2"
Width of Casters .....	1"
Floor Clearance .....	1"
Weight .....	195 lbs.

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

**ADJUSTABLE CAR STANDS****KMO 605 (Pair)**

Adjustable from 15" to 22" in height, by 1 1/4" steps, KMO 605 Car Stands are very sturdily constructed with a high factor of safety. The wide, heavy steel base assures stability under load and the heavy lock pin eliminates any possibility of shearing. The lock pin is securely attached to the stand with a chain for convenience. KMO 605, Adjustable Car Stands, are shipped in pairs.

*Shipping Weight—34 lbs. per pair*

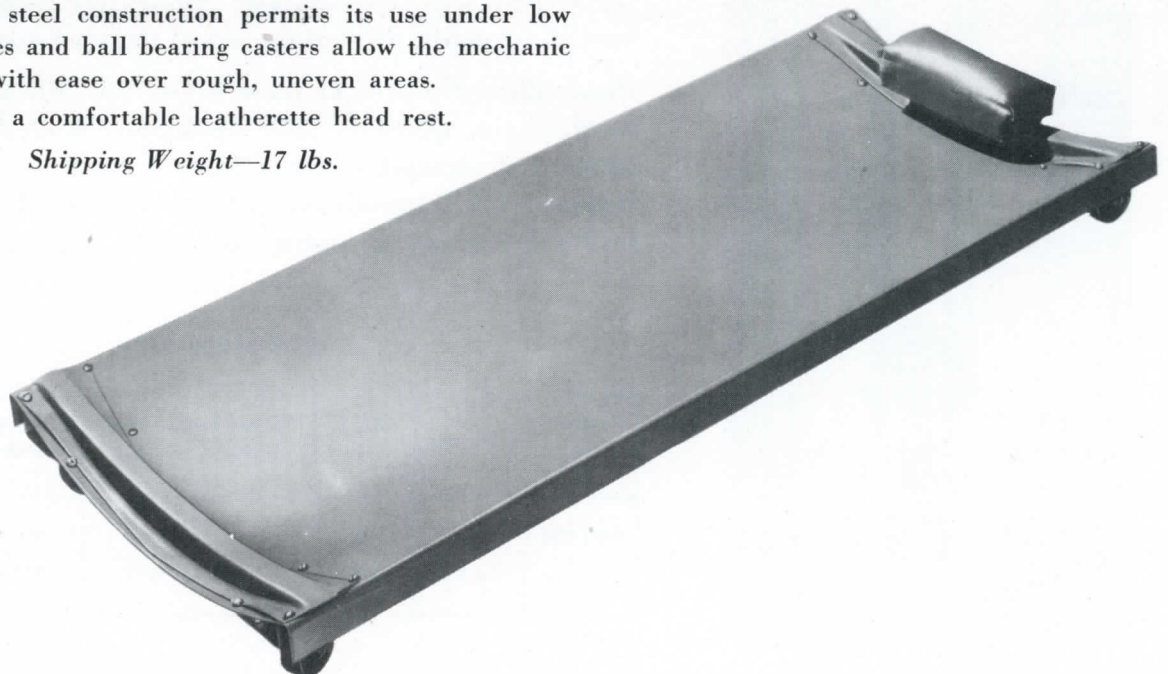
**STEEL CREEPER****KMO 951**

Built to last and withstand hard usage, the KMO 951 Steel Creeper is a comfortable, convenient, automotive service department necessity.

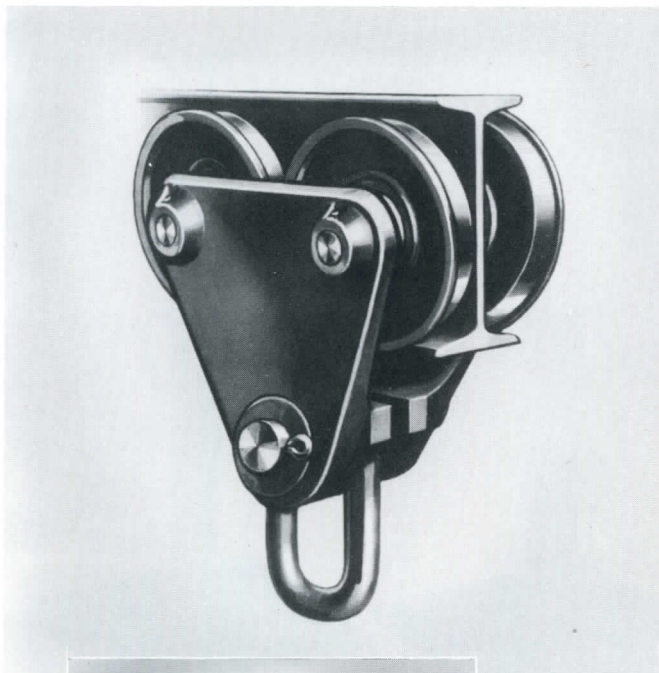
Low, reinforced steel construction permits its use under low slung automobiles and ball bearing casters allow the mechanic to move about with ease over rough, uneven areas.

Creeper includes a comfortable leatherette head rest.

*Shipping Weight—17 lbs.*







## CHAIN HOIST TROLLEYS

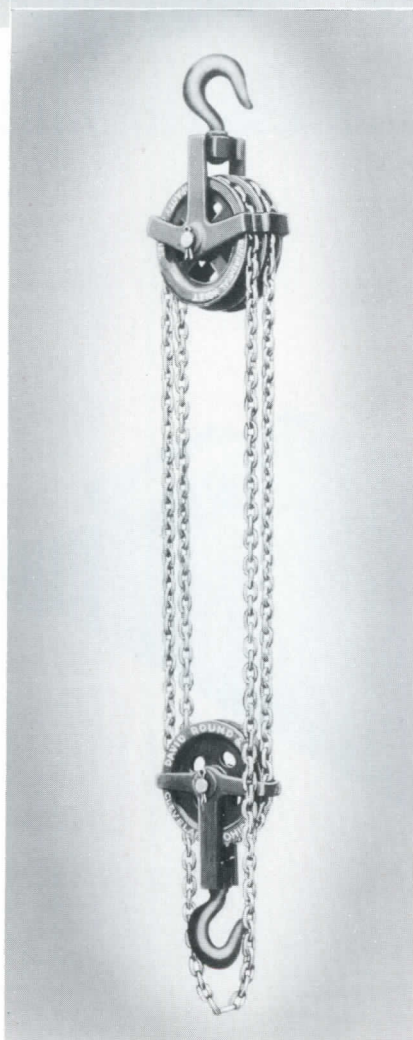
**KMO 553 — 1 Ton Capacity**

**KMO 554 — 2 Ton Capacity**

Designed for use with hook suspension chain hoists, these trolleys are self aligning and adjustable to various "I" Beam sizes. They are simple in construction with a high factor of safety. Wheels are of pressed steel equipped with ball bearings.

### Specifications

Equipment No.	Std. "I" Beam Size	Adjustable To: "I" Beam Size	Smallest Radius Curve	Net Weight
KMO 553	6" 12½ lbs. per ft.	7"-8"	22"	42 lbs.
KMO 554	8" 18¼ lbs. per ft.	9"-10"-12"	36"	84 lbs.



## CHAIN HOISTS

**KMO 515 — 1 Ton Capacity**

**KMO 516 — 1½ Ton Capacity**

Light in weight and sturdily constructed, these chain hoists are ideal for heavy automotive repair work such as making engine replacements, performing axle repairs, etc. Hoist will hold its load at any point without the aid of the operator.

Outstanding features of these hoists are: Electrically Welded Steel Chain, which is 20% stronger — Malleable Yokes, for safety and strength — Drop Forged Hooks — Roller Bearing Bottom Swivel, permitting hoist to quickly adjust itself to the load and eliminating undue wear in the chain and sheaves.

### Specifications

Equipment No.	Capacity	Regular Lift	Distance Between Hooks		Chain Pull To Lift Full Load	Net Wgt.
			Shortest	Longest		
KMO 515	1 Ton	8'	26"	10' 2"	216 lbs.	52 lbs.
KMO 516	1½ Ton	8½'	32"	11' 2"	246 lbs.	78 lbs.

## HYDRAULIC ARBOR PRESSES AIR OPERATED

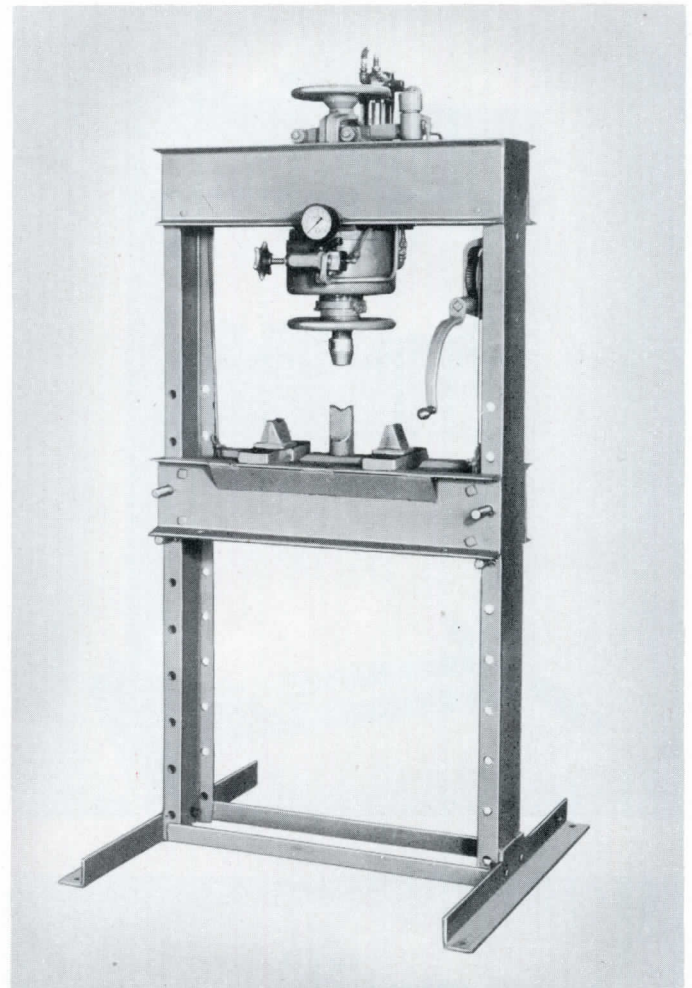
### 50 Ton and 75 Ton Capacities

Available in several capacities and speeds as listed in the table below, these Air Operated Hydraulic Presses are new in design, compact and rapid in operation. All operating controls are centrally located within convenient reach, making these presses easy to operate and speeding up all types of press work.

- **Finger Tip Control**—Eliminates hand pumping, air control valve and release valve conveniently located.
- **Overload Safety Valve**—Special release valve prevents overloading.
- **Pressure Gauge**—Located at eye level for easy reading.
- **Auxiliary Ram**—Screw type advanced quickly with handwheel.
- **Speedy Ram Return**—Ram returns to starting position immediately upon release of valve.
- **Easily Adjusted Table**—Hoist crank permits rapid adjustments.
- **Sturdy Frame**—Arc-welded, rigid, frame is reinforced throughout.

These presses can be used in any shop having a compressed air supply of either 90 or 145 pounds air pressure. Available with either single pump or twin pumps at various ram speeds. See "Specification" table below.

A foot-operated valve and combination air pressure gauge and regulator valve can be supplied if desired as extra equipment—Specify when ordering.



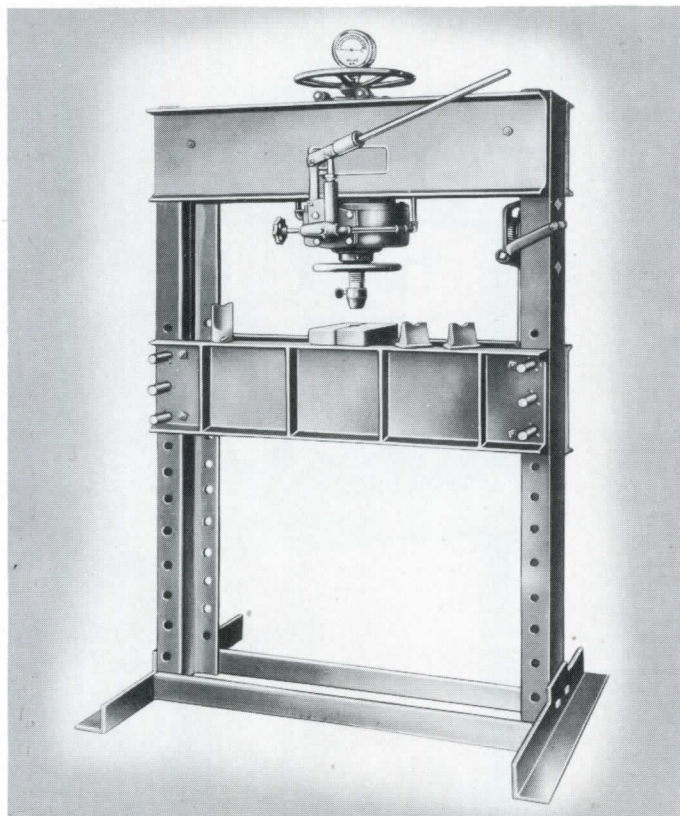
KMO 537—50-Ton Air Operated Hydraulic Press illustrated. Standard equipment includes: *Air Operated Hydraulic Pump • Air Valve • Safety Relief Valve • Structural Steel Frame • Hydraulic Workhead • One Set of Table Plates and "V" Blocks • Table Lifting Device • One Round Nose for Pressing • Hydraulic Pressure Gauge.*

## Specifications

Equipment Number	Capacity in Tons	Air Pressure Pounds	No. of Pumps	Ram Speed Inches Per Min.	Ram Travel in Inches	Screw Travel in Inches	Table Travel in Inches	Max. Distance Ram to Table	Width Between Uprights	Width Between Table Channels	Overall Height Inches	Shipping Weight Pounds
KMO 537	50	90	1	3	4	7	40	42¼	31½	7¼	85	800
KMO 538	50	90	2	5	4	7	40	42¼	31½	7¼	85	825
KMO 539	50	145	1	6	4	7	40	42¼	31½	7¼	85	800
KMO 540	50	145	2	10	4	7	40	42¼	31½	7¼	85	825
KMO 541	75	90	1	2	4½	7¼	36	44	38½	8¼	86	1340
KMO 542	75	90	2	3½	4½	7¼	36	44	38½	8¼	86	1365
KMO 543	75	145	1	4	4½	7¼	36	44	38½	8¼	86	1340
KMO 544	75	145	2	7	4½	7¼	36	44	38½	8¼	86	1365

See Section "A" Page 21, for Attachments





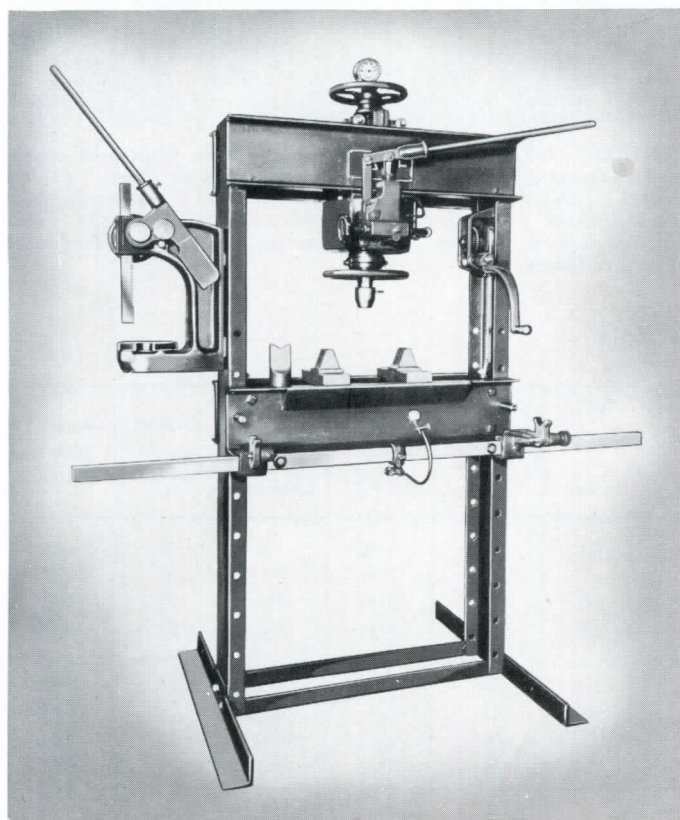
## HYDRAULIC ARBOR PRESSES HAND OPERATED

**KMO 625—70 Ton Capacity**

**KMO 624—50 Ton Capacity**

Ideal for automotive service work, these two hydraulic arbor presses are exceptionally versatile and easy to operate, compact and very sturdily constructed.

- The Hydraulic Workhead, consisting of a reservoir, pump and controls, is a self-contained unit mounted on rollers permitting movement to any point along the top channels for off-center operations. Handwheel clamp locks workhead in position.
- Automatic Release Valve returns ram to starting point when opened by handwheel.
- Auxiliary Ram is quickly advanced with handwheel to area of work.
- Adjustable Table is raised or lowered with handy crank mechanism.
- Welded Steel Frame is heavily reinforced.



### Specifications

	KMO 624 50 Ton	KMO 625 70 Ton
Overall Height .....	85"	87"
Table Travel .....	40"	36"
Ram Travel .....	4"	4½"
Screw Travel .....	7"	7½"
Width Between Uprights .....	31½"	44"
Width Between Channels .....	7¼"	8¼"
Maximum Distance Ram to Table .....	42¼"	38½"
Weight .....	820 lbs.	1365 lbs.

*Above is an illustration of KMO 625 70-ton Hydraulic Arbor Press with Standard Equipment.*

*Illustrated below is KMO 624 50-ton Hydraulic Arbor Press with extra attachments which are listed on Page 21 of this section.*



## ATTACHMENTS

*For Air and Hand Operated  
Hydraulic Arbor Presses*

### 3 TON SIDE PRESS

KMO 626

Convenient for handling small jobs this 3 ton ratchet type, single leverage, press can be bolted to the side of any of the air operated or hand operated arbor presses.

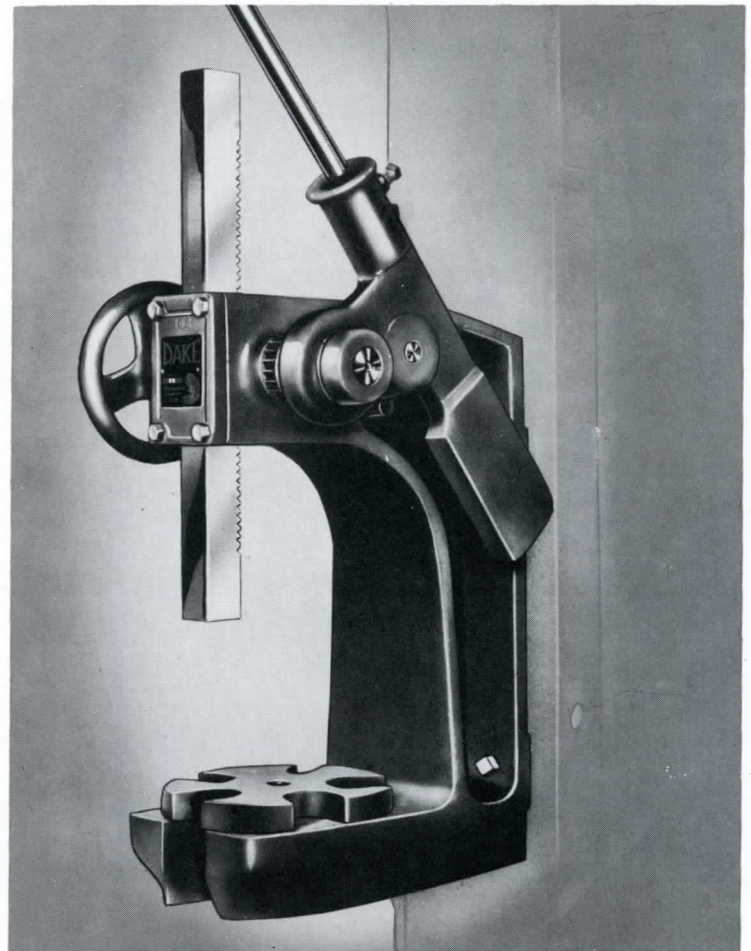
#### Specifications

Largest Diameter of Work .....	14"
Largest Diameter of Arbor .....	2"
Capacity Over Table .....	11¼"
Capacity Over Table Plate .....	10½"
Weight .....	135 lbs.

### DIAL TEST INDICATOR

KMO 628

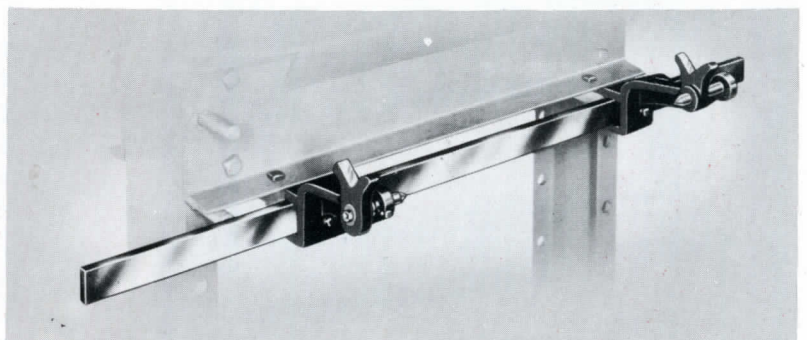
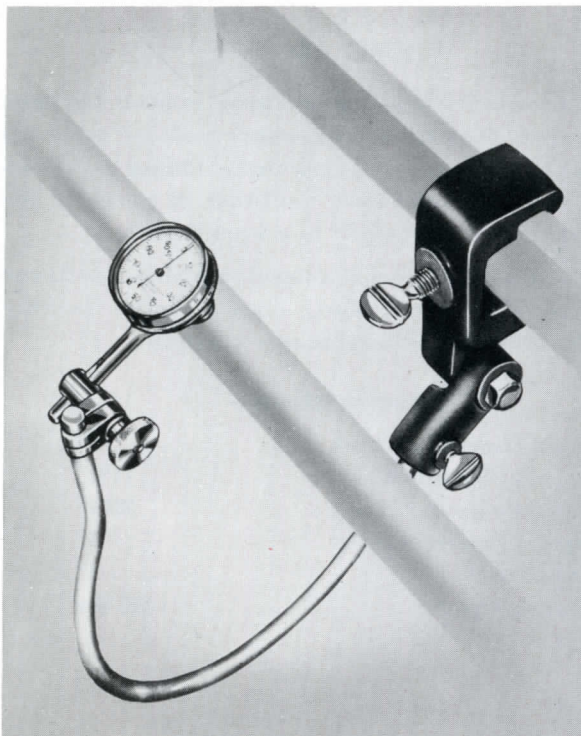
For accurately testing work during straightening operations. Reliable, easy to read indicator is sensitive to .001 inch. Adjustable bracket supports gooseneck arm. Shipped complete with Dial Test Indicator, Bracket and Arm. Weight 2 lbs.



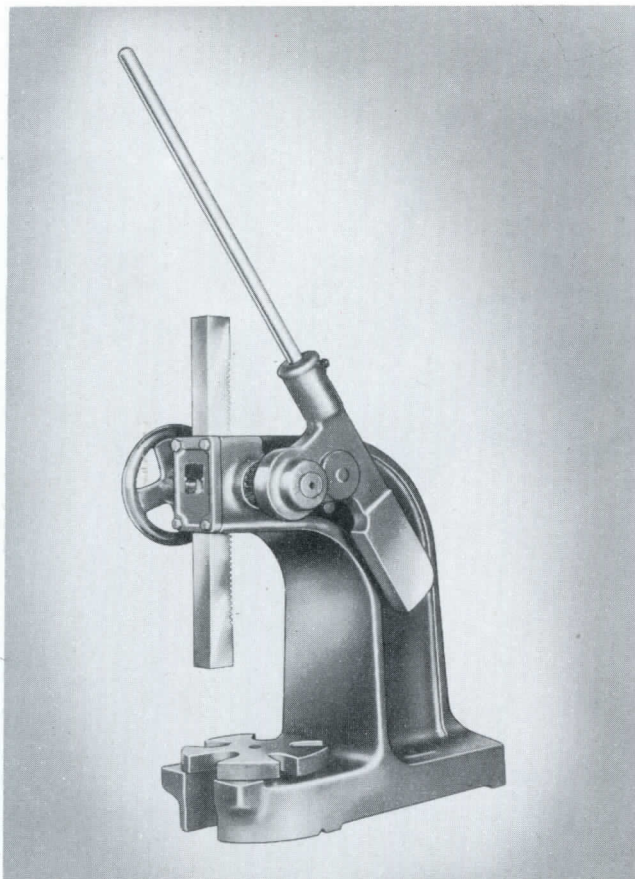
### TESTING ATTACHMENT

KMO 627

Supports work up to 64 inches for straightness testing with KMO 628 Dial Test Indicator. Work is held either on "V" blocks or between centerheads which slide on the rectangular bar. Weight 35 lbs.







### 3-TON BENCH ARBOR PRESS

KMO 619

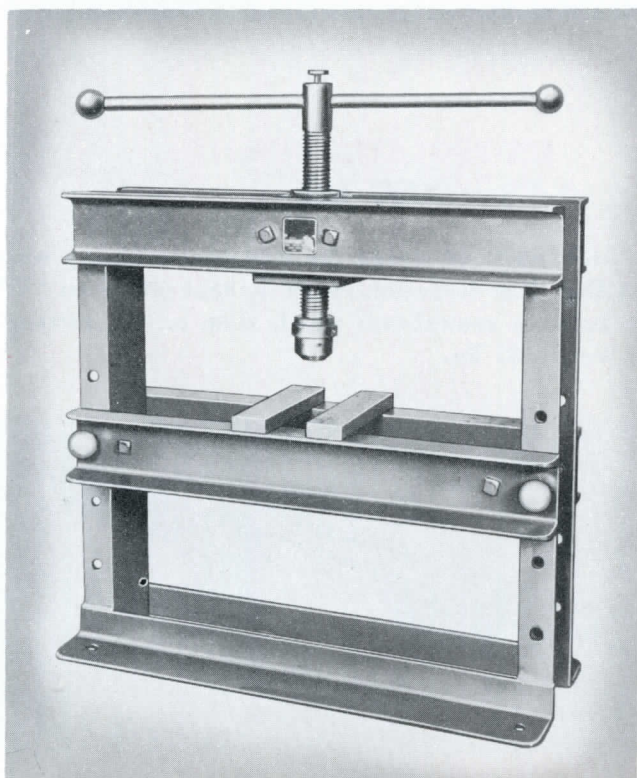
The KMO 619 is a small, compact simple leverage, press of 3 tons capacity which can be conveniently attached to a mechanic's work bench. There are many light operations where this press can be used to a greater advantage than a larger press.

The press features a one-piece semi-steel frame, a square ram with large bearing surfaces and a shimmed ram cap to take up wear.

The ram is made of special heat treated steel and the spindle of heat treated alloy steel.

#### Specifications

Largest Diameter of Work	14"
Capacity Over Table	11"
Capacity Over Table Plate	10 $\frac{1}{4}$ "
Overall Height of Frame	19"
Leverage Ratio	48 to 1
Shipping Weight	150 lbs.



### 10-TON BENCH ARBOR PRESS

KMO 644

This 10 ton capacity bench arbor press is ideal for automotive service department operations such as removing and replacing press fit parts and straightening and bending work. It can be used for a multitude of purposes and may be conveniently attached to a work bench.

The press is of welded steel construction with Acme thread screw, removable screw nose, Timken roller bearing, adjustable table and adjustable screw handle.

#### Specifications

Largest Diameter of Work	18"
Capacity—Table to Ram	11 $\frac{1}{2}$ "
Overall Height to Frame	20 $\frac{1}{4}$ "
Largest Diameter of Arbor	3"
Screw Travel	5"
Shipping Weight	80 lbs.

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN



**KMO 550 Electrically Heated  
Model Illustrated**

With a "Circo" Vapor Degreaser all parts cleaning jobs become easy, profitable operations simply because grimy parts and assemblies are thoroughly cleaned, rinsed and dried in a matter of minutes. Furthermore, the mechanic is free to perform other service operations while parts are being automatically cleaned. The unit actually pays for itself in no time and results in increased profits thereafter.

With the "Circo" Vapor Degreaser, parts are not submerged in their own grease and dirt but are either suspended or rested on a wire grid while completely enveloped in clouds of hot, clean solvent vapor.

All types of metal parts can be cleaned together without harmful effects. The solvent recommended is non-inflammable and can be safely used anywhere.

The vapor degreaser illustrated (KMO 550) is an electrically heated, water cooled unit designed for general purpose cleaning of large parts, assemblies, passenger car and light truck engine blocks. This size is capable of cleaning and drying 2125 lbs. of iron or steel per hour and is also available with gas (KMO 548) or

## "CIRCO" VAPOR DEGREASER

(Water Cooled—2125 Lbs. Per Hour Capacity)

**KMO 548—Gas Heated Model**

**KMO 549—Steam Heated Model**

**KMO 550—Electrically Heated Model**

**FAST . . .**

**THOROUGH . . .**

**PARTS CLEANING**

steam (KMO 549) heating units. Additional Standard water cooled models are available in larger and smaller capacities. (See chart below for specifications.)

All inner tank surfaces are galvanized or metal sprayed and the outside finished with solvent resistant paint. The accessories and parts are also galvanized, metal sprayed or have a suitable protective finish where needed for longer life. (See "Construction Features" on next page.)

"Circo" Water Cooled Vapor Degreasers are shipped complete, including Degreaser with Work Basket, Electric Pump Drum Unit with Float Valve ( $\frac{1}{4}$  H.P.—115 Volts—60 Cy.—1 Phase—AC), Water Separator and Cooling Water Control Valve with Strainer.

The Electrically Heated Models also include a Solenoid Water Control Valve.

### KMO 546 WORK BASKET

KMO 546 Work Basket 11" x 15" x 4" deep, is applicable to all water cooled Vapor Degreaser models and can be ordered separately as required.

### Specifications

	HEATING UNIT	OUTSIDE TANK DIMENSIONS			INSIDE WORKING DIMENSIONS			WORK CAPACITY	WORK BASKET
		Width	Length	Height	Width	Length	Vapor Depth	Lbs. Per Hour	Size
KMO 548 KMO 549 KMO 550	GAS STEAM ELECTRIC	27½"	42½"	56½"	26"	46"	30"	2125	11" x 15" x 4"
SPECIFICATIONS ON ADDITIONAL STANDARD MODELS (NOT ILLUSTRATED)									
KMO 545 KMO 546 KMO 547	GAS STEAM ELECTRIC	23½"	29½"	48"	22"	28"	22"	1200	11" x 15" x 4"
KMO 556 KMO 557 KMO 558	GAS STEAM ELECTRIC	34½"	74½"	60½"	32"	72"	30"	4600	11" x 15" x 4"

See your Kent-Moore Representative or write directly to Kent-Moore Organization for detailed information on Additional Standard Model Vapor Degreasers listed above.



## GENERAL EQUIPMENT

## Construction Features of KMO 548, KMO 549 AND KMO 550

(2125 LBS. PER HR. CAPACITY)

**TANK CONSTRUCTION** — Manufactured of 12 gauge hot rolled steel, reinforced with  $1\frac{1}{4}$ " x  $1\frac{1}{2}$ " x  $\frac{3}{16}$ " steel angle around top and bottom edge, all seams and corners electric welded. Corrugations between base and water jacket offer additional support.

**TANK COVERS** — Horizontal sliding covers with handles, hook over each end of tank when tank is open.

**TANK DRAIN** — Slopes to 2" pipe with pipe plug to seal, located at tank end opposite pump unit.

**TANK BOTTOM** — Removable, with metal pad on each corner, insulated with 1" rock wool preventing heat loss and permitting use of degreaser on any type of floor.

**WORK BASKET AND SCREENS** — Heavy mesh, galvanized wire construction. Standard basket size is 11" x 15" x 4". Screens are removable for cleaning purposes.

**WATER JACKET** — Around periphery of tank, 1" wide by 8" deep, provides ample circulation to properly control and retain vapor in tank under normal operation.

**COOLING WATER CONTROL AND STRAINER** — Automatically controls flow of cooling water through jacket by thermostatically controlling outlet water temperature.

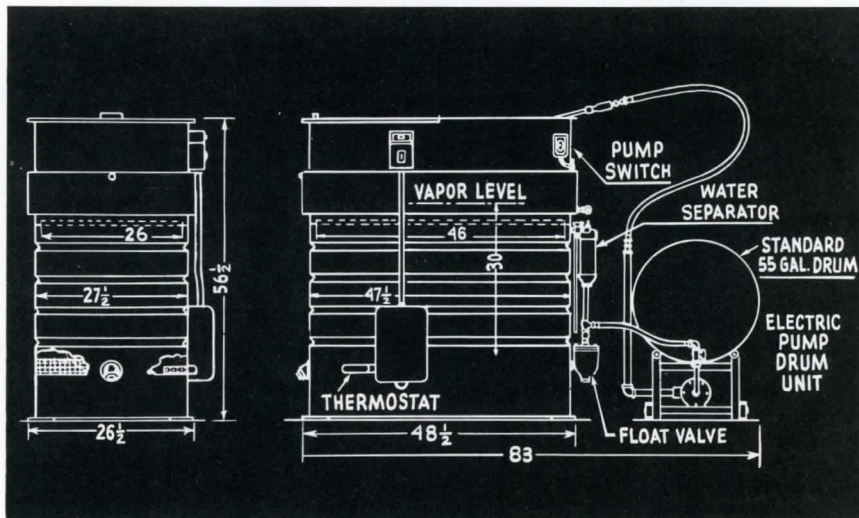
**HEAT THERMOSTAT** — On Gas and Electrically heated models, prevents overheating of solvent.

**WATER SEPARATOR** — For removing excessive water which might collect in the solvent.

**ELECTRIC PUMP DRUM UNIT** — Furnished complete with — Motor ( $\frac{1}{4}$  H.P., 115 Volts, AC, 60 cycles, 1 phase) coupled to centrifugal, packless type pump of approximately  $4\frac{1}{2}$  gals. per min. capacity — Portable drum stand capable of supporting a full drum of solvent. Float valve, to maintain proper solvent level in degreaser tank, and a flexible hose with handle and spray nozzle, for flushing purposes are also included.

**KMO 548—GAS HEATED MODEL** — Equipped with efficient gas burners, lighter tube and foot controlled lever for operating at full capacity or standby, (low heat, 25% capacity for small parts and continuous operation). Under normal conditions the unit can be brought up to operating capacity, from an average cold, within approximately 15 minutes. Available for use with natural, artificial or propane gas. Specify type of gas when ordering.

**KMO 549—STEAM HEATED MODEL** — Equipped with steam coils for operation from your own steam supply. Steam pressures lower than 15 lbs. not recommended, reducing valve is necessary if steam pressures exceed 25 lbs. Steam trap required for wet return system. Unit includes: steam coils, packing nuts and washers installed. Reducing valve steam trap and other accessories occasionally required, not included.



*KMO 550 Vapor Degreaser Floor Plan*

**KMO 550—ELECTRICALLY HEATED MODEL** — Equipped with strip type heating elements of at least 10 KW capacity with proper capacity switches and contactor to permit operation at full heating capacity or 25% capacity for small parts and continuous operation. A solenoid valve, which automatically turns the cooling water on and off when the heaters are switched on and off, is included with electrically heated units only. (230 Volts, AC, 60 cycles, 2 or 3 phase is standard).

### "TRICLENE" D SOLVENT KMO 560

Designed for use in water cooled vapor degreasers such as described above, KMO 560 "Triclene" D solvent is ideal for most metal degreasing and cleaning operations. The characteristics of this new solvent contributing to its economy efficiency and safety are:

**HIGH VAPOR DENSITY** —  $4\frac{1}{2}$  times greater than air, permits maintaining a definite vapor line in degreaser and minimize vapor loss.

**STABILITY** — solvent is very resistant to decomposition, does not corrode metals.

**LOW LATENT HEAT** — requires low heat input and cooling capacity, increases rate of solvent vaporization and condensation.

**LOW BOILING POINT** — (188° F.) permits use of low heat, simplifies work handling and recovery of solvent.

**NON-FLAMMABILITY** — does not produce flash by either closed cup or open cup method. Non-flammable at ordinary temperatures, moderately flammable at higher temperatures with high concentrations of vapor in air.

KMO 560 "Triclene" D Solvent is shipped in steel drums of 650 lbs. Net at 68° F. Weight per gallon 12.16 lbs. *At least one drum of KMO 560 "Triclene" D Solvent should be ordered with each "Circo" Water Cooled Vapor Degreaser.*

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN



**"CIRCO" VAPOR DEGREASER**

(330 lbs. per Hour Capacity)

**KMO 562—With Motor Driven Solvent Pump****KMO 563—Less Motor Driven Solvent Pump**

For fast, thorough and economical parts cleaning, these Vapor Degreasers are particularly suited to the dealer's service department requirements.

Built to efficiently handle all parts cleaning, with the exception of motor blocks, they are equipped with twin tanks. One tank is used for soaking, dipping, liquid solvent spraying and cold solvent storage—the other for 3 to 4 minute hot solvent vapor cleaning.

**VAPOR TANK** — equipped with electrical heaters — upper thermostat, to control the vapor height and lower thermostat, to prevent overheating. Simple controls, located at the rear of the Vapor Tank, make cleaning operations automatic. Light indicates when degreaser is ready for operation and again when parts are cleaned and dried. Automatic shut-off operates when solvent is too low or too contaminated for use.

**LIQUID TANK** — serves as a cold solvent reservoir and dipping or soaking tank. On model equipped with motor driven pump, KMO 562, parts in liquid tank can be sprayed with liquid solvent. Pump can be operated without turning on the Vapor Tank Heaters.

**WORK BASKET** — has swinging handles for convenient lifting and carrying. Basket can be mounted in low position for vapor degreasing, dipping and soaking or high position for draining and spraying.

**Specifications**

	INSIDE TANK DIMENSIONS EACH TANK	MAXIMUM VAPOR HEIGHT	ELECTRICAL: 230 V.—60 CY.—1 or 3 PHASE		WORK CAPACITY Lbs. Per Hr.	WORK BASKET SIZE	PUMP EQUIPMENT
			STANDBY	FULL RUN			
KMO 562	15" x 15" x 32½" DEEP	16"	1.5 KW.	3.5 KW.	330	12" x 12" x 5½"	WITH PUMP
KMO 563	15" x 15" x 32½" DEEP	16"	1.5 KW.	3.5 KW.	330	12" x 12" x 5½"	LESS PUMP
ADDITIONAL STANDARD TWIN TANK MODELS (NOT ILLUSTRATED)							
KMO 564	15" x 15" x 32½" DEEP	19"	1 KW.	2.5 KW.	250	9" x 9" x 5"	NONE INCLUDED
KMO 561	22" x 25¼" x 38½" DEEP	21"	2 KW.	6 KW.	660	12" x 12" x 5½"	

(Specify single or 3 phase when ordering)

**KMO 567 "PER SOLV" SOLVENT**

Recommended for Twin Tank Vapor Degreasers, "Per Solv" is non-inflammable, non-explosive and very active, hot or cold. It can be used with safety for cleaning different metals simultaneously. The natural stability of "Per Solv" makes it ideal for vapor and liquid phase degreasing. Its high boiling point is specially desirable for light weight parts cleaning.

KMO 567 is shipped in drums of approximately 52 gallons, 700 lbs. Net Weight. *At least one drum of KMO 567 "Per Solv" Solvent should be ordered with each "Circo" Twin Tank Vapor Degreaser.*

See your Kent-Moore Representative or write Kent-Moore Organization direct, for detailed information on KMO 564 and KMO 561, Additional Standard Twin Tank Degreaser Models.

**ADDITIONAL WORK BASKETS**

Additional Work Baskets are available for the above Twin Tank Vapor Degreasers and can be ordered by the following numbers: KMO 565—Work Basket (12" x 12" x 5½" deep) for KMO 561, KMO 562 and KMO 563 Degreasers. KMO 566—Work Basket (9" x 9" x 5½") for KMO 564 Degreaser.



## CIRCO "DEE TEE" CLEANER KMO 551

*For Differential and Transmission  
Hot Vapor Cleaning*

Using hot vapor solvent, KMO 551 "Dee Tee" Cleaner completely removes all grease, dirt, metal chips and sludge, leaving parts thoroughly clean and dry.

Its operation is simple, rapid and automatic. Just plug the Cleaner cord into an electric outlet, screw the "Dee Tee" Cleaner into a can of solvent and the unit is ready to use.

After removing the differential or transmission fill and drain plugs, thread the free turning nozzle into the fill plug hole. The Cleaner will hang securely by itself. Press the button, which turns on the heating unit and indicator light, and your "Dee Tee" Cleaner automatically vapor cleans and dries the assembly.

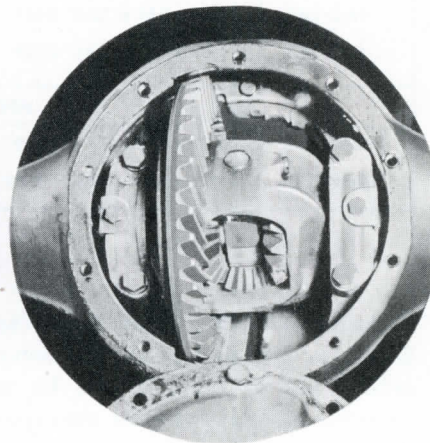
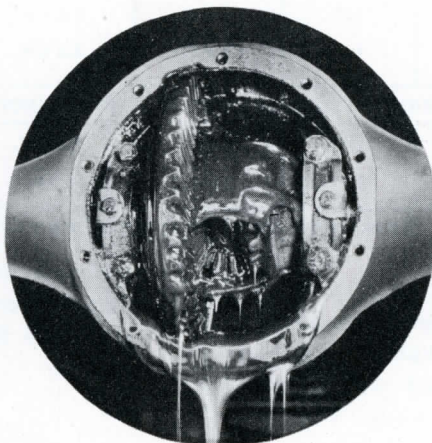
When the cleaning job is completed, the heating unit automatically turns off and the light goes out indicating that the job is done.

The "Dee Tee" Cleaner removes 20% more of the old lubricant than ordinary methods which means 20% more lube replacement on each refill. Furthermore with this unit you can thoroughly clean and dry a transmission or differential in less than 10 minutes, using KMO 552, Solvent for "Dee Tee" Cleaner.



Labor costs decrease, profits and lubrication sales increase with the KMO 551 "Dee Tee" Cleaner.

The KMO 551 "Dee Tee" Cleaner heating unit is designed to be used with 110 volt, 60 cycle, single phase, AC current only. Guaranteed for one year against failure due to defective material or faulty workmanship. Shipped complete with fittings. *When ordered with 10 cases or more of KMO 552 "Dee Tee" Solvent, shipment is made F.O.B. destination.*



## "DEE TEE" SOLVENT (1 case of 12 cans) KMO 552

Especially prepared and packaged for use with the KMO 551 "Dee Tee" Cleaner, KMO 552 "Dee Tee" Solvent is non-flammable, non-explosive and is in no way

injurious to metals. KMO 552, Solvent is packaged in cases of 12 cans per case. *When ordered in lots of 10 cases or more, shipment is made F.O.B. destination.*

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN



**"MONOXIVENT" FLOOR OUTLET SET****J-5066*****Designed for Underfloor Exhaust Eliminating Systems***

Local health and building codes in many sections of the country require the installation of effective systems to carry away dangerous, harmful exhaust gases. The ideal way to accomplish this task is through the use of an underfloor exhaust eliminating system.

The J-5066 "Monoxivent" Floor Outlet Set is designed to convey exhaust gases from the car exhaust tail pipe to the underfloor duct of the system.

The complete set consists of two Flexible Hose Assemblies and one Double Floor Outlet.

Each Hose Assembly is equipped with a sheet metal tail pipe adapter, complete with fastening device, a section of flexible steel tubing with a steel collar welded to each end. The tail pipe adapter is slotted to receive an exhaust analyzer.

The Double Floor Outlet is an aluminum casting which fits into the underfloor duct and rests flush with the concrete floor. The outlet serves two standard car stalls as it has two openings with spring loaded caps, one for each hose assembly.

**Specifications****"MONOXIVENT" FLOOR OUTLET SET**

(Includes two J-5066-16 Hose Assemblies and one J-5066-15 Double Floor Outlet)

*Shipping Weight 38 lbs.*

**J-5066-16 HOSE ASSEMBLY**

Overall Length—9½' Approx.

Welded Steel Collars—3" O.D.

Flexible Tubing—2½" I.D.

Static Pressure Res.—1.44"

Tail Pipe Adapter Opening—7¼" x 4" oval

*Shipping Weight 16 lbs.*

**J-5066-15 DOUBLE FLOOR OUTLET**

Length—9¾"

Width—7"

Fitting Depth—6½"

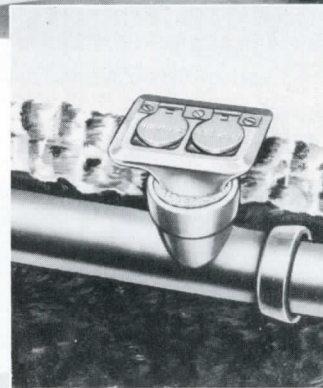
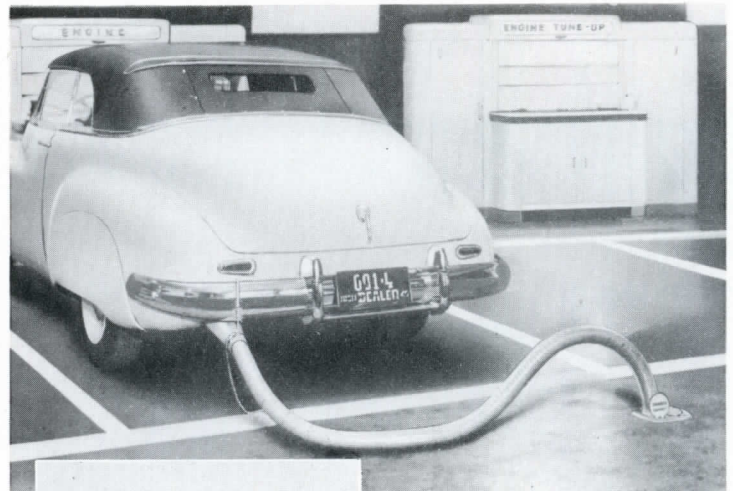
Capacity—100 CFM Per Opening

Opening Size—3"

Spigot End—4⅞" O.D.—4" I.D.

*Shipping Weight 6 lbs.*

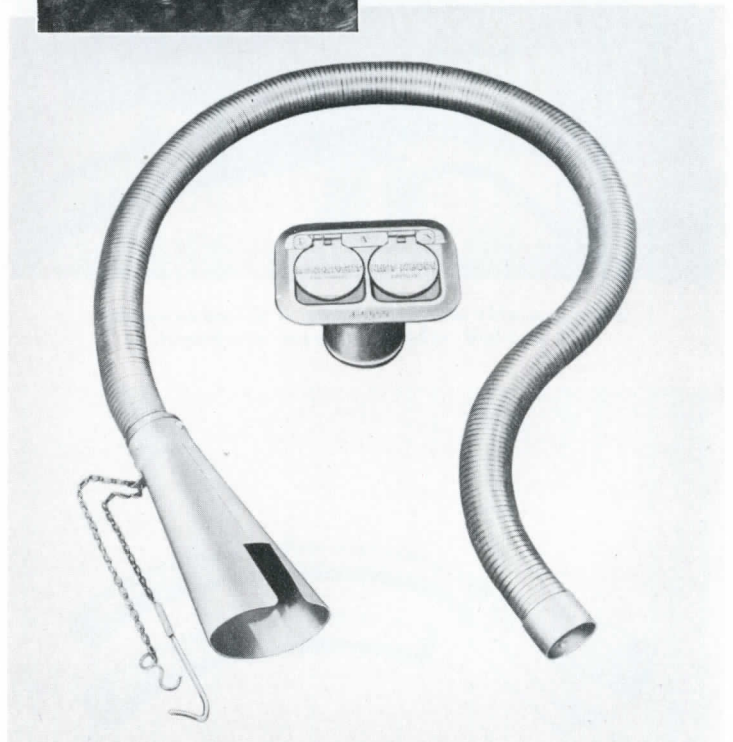
*Contact your Kent-Moore Representative or write Kent-Moore direct for detailed information. Specify the number of car stalls you intend to service.*



↑ Monoxivent Floor Outlet Set in operating position.

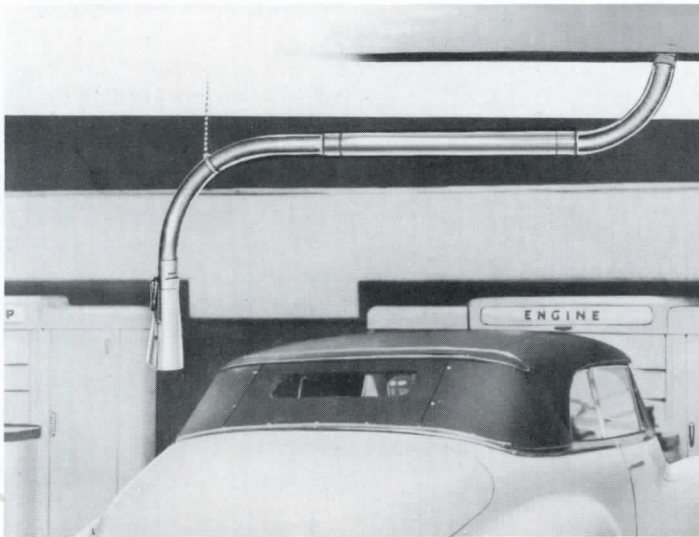
← Double Floor Outlet installed properly, flush with the floor.

J-5066 Monoxivent Floor Outlet Set includes two Hose Assemblies—Only one illustrated.

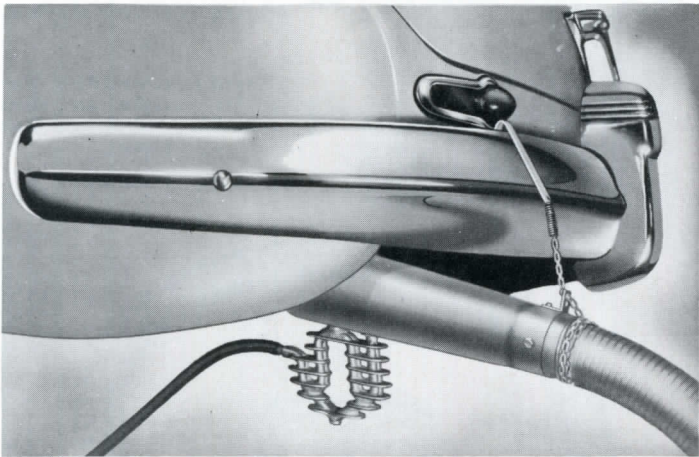


*Note: Either the J-5066-16 Hose Assembly or J-5066-15 Double Floor Outlet may be purchased individually if so desired.*

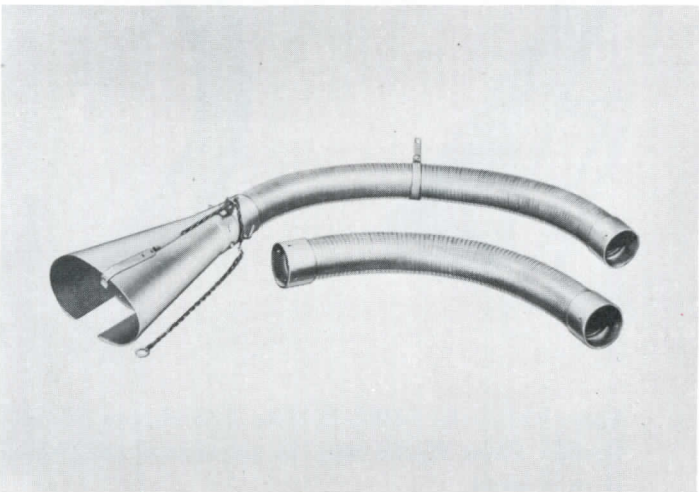




*Position of Monoxivent Overhead Hose Assembly when not in use.*



*Hose Assembly tail pipe adapter is slotted to receive a standard exhaust analyzer attachment.*



## **"MONOXIVENT" OVERHEAD HOSE ASSEMBLY**

**J-5077**

### ***Designed for Overhead Exhaust Eliminating Systems***

The J-5077 Monoxivent Hose Assembly is designed to convey exhaust gases from the car exhaust tail pipe to the duct of an overhead exhaust eliminating system.

The assembly is constructed in two sections and is adaptable to almost any type of overhead installations as its length is adjustable. This can be accomplished by inserting the desired length of galvanized pipe between the two flexible sections as in the illustration above.

The complete assembly can be suspended from the ceiling in such a manner as to be out of the way when not in use.

The longer section of the Overhead Hose Assembly consists of a sheet metal tail pipe adapter, with fastening device and a length of flexible steel tubing with a steel collar welded to each end and a shut-off valve at the intake end of the tubing.

The shorter section consists of a length of flexible steel tubing with a steel collar welded to each end.

The necessary bolts to attach the assembly to the overhead duct and fasten a galvanized pipe center section are also included.

### **Specifications**

#### **"MONOXIVENT" OVERHEAD HOSE ASSEMBLY**

Length (Large Section)—38"

Length (Small Section)—26"

Welded Steel Collars—3" O.D.

Flexible Tubing—2½" I.D.

Tail Pipe Adapter Opening—7¼" x 4" Oval

Shipping Weight 16 lbs.

*Contact your local Kent-Moore Representative or write Kent-Moore direct for detailed information. Specify the number of car stalls you intend to service.*

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING

•

DETROIT 2, MICHIGAN

**\* MASTER MOTOR TESTER**

This Tester provides complete facilities for the three fundamental divisions of Motor Analysing and Testing . . . Compression . . . Ignition . . . Carburetion.

Complete, accurate, and thorough tests of all three divisions are made with this one unit. This means speed in operation, enabling you to give each customer a quick, complete report as to the true condition of his engine. The ease and smoothness of operation will surprise your customers and create a new high degree of confidence that will add many dollars to your income.

This "Master" handles all cars alike. It quickly and unerringly detects any motor deficiency with no lost motion.

***Included with the Master Motor Tester are the following five items:***

Model C—Volts Ampere Tester  
Model Y—Battery Starter Tester  
Model P—Compression Tester  
Model X—Power Light  
Model Z—Cylinder Balance Tester

**FEATURES:**

- 1 High grade, specially designed, Alnico magnet meters, indirectly lighted.
- 2 Lightweight sturdy chassis with rich hammerloid finish.
- 3 Five-inch ball-bearing rubber casters with brakes to keep tester from rolling on inclined surfaces.
- 4 All circuits fully protected against any improper hook-ups.
- 5 All four-panel units operate entirely independent of one another, sealed against dust and atmospheric interference.
- 6 Operates entirely from a six volt storage battery. No A.C. necessary.
- 7 Special compartments for the accessory group.
- 8 Plainly written and easy to understand book of instructions, highly illustrated, covering each simple hook-up.

\*Order direct from your local Sun Electric Corp. representative.





## ENGINE TUNE-UP

\* **DISTRIBUTOR TESTER**

All Distributors should be tested and recalibrated on a Distributor Tester every 5000 miles, in order to ensure efficient operation of the modern sensitive high speed engine.

Every engine tune-up job should include complete recalibration of the Distributor on the Distributor Tester. The Tester makes it possible for any automobile mechanic to test and recalibrate any type of distributor, bringing it up to the manufacturer's exacting specifications, which will ensure efficient action when mounted back on the engine.

All working parts of the distributor can be tested quickly and accurately. Tests of vacuum advance, contact spring tension, automatic advance and every test can be made according to the distributor manufacturer's specifications.

All operating conditions of the distributor are clearly shown in a simple manner which can be understood by any automobile mechanic, and proper adjustments can be quickly made.

**FEATURES:**

- 1 Large 12-inch degree scale permits accurate reading of automatic and vacuum advance curves.
- 2 All power supplied by a 110 volt, 60 cycle A.C. motor and a 6 volt battery to operate the entire tester.
- 3 Variable speed drive — can be adjusted from 150 to 2200 R.P.M. This steady speed allows accurate vacuum and automatic advance tests to be made.
- 4 Self centering adjustable clamp holds all types of distributors securely in perfect alignment while testing.
- 5 The three jaw universal lathe type drive chuck, of special design, simplifies driving all types of distributors.
- 6 Amplifying power pack is protected for long runs at high speed by graduated condenser contactor switch assembly.
- 7 Point resistance and R.P.M. are held at 2% accuracy by use of twin distributor and ground leads.
- 8 The 45 degree operating angle brings test to proper eye level. This is the nearest compromise angle from vertical to horizontal.
- 9 The neon tube has clean cut flashes even at top speed, thus guaranteeing extremely accurate tests.
- 10 Essential units may be easily removed for service.

**NOTE:** 110 volts D.C. operated model can be had upon order, at an extra charge.

\*Order direct from your local Sun Electric Corp. representative.

**KENT-MOORE ORGANIZATION INC.**

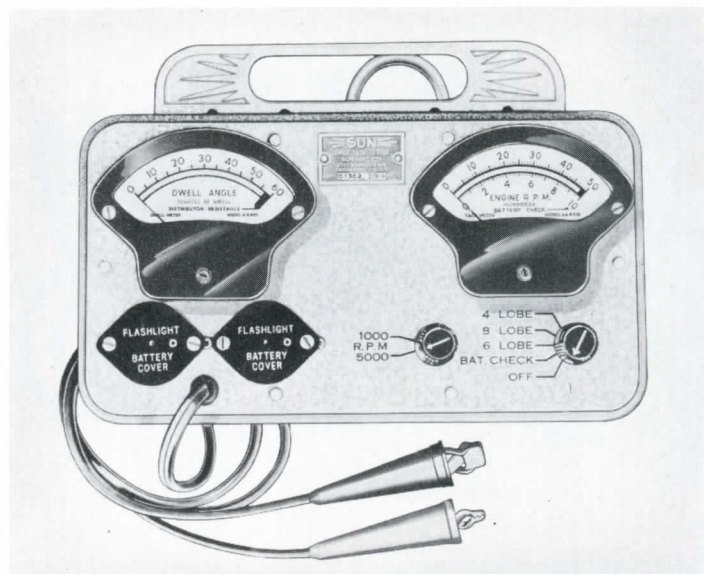
GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

### \* DWELL-TACH TESTER MODEL G

This tester will tell you everything you should know about a distributor. Shows point spacing at all speeds from idling to top speed. Also shows point bouncing and the exact speed at which it occurs.

A change in dwell angle is revealed where automatic spark advance mechanism is worn, or where due to a worn distributor bearing. The tester plainly indicates a bent or out-of-true cam or camshaft.

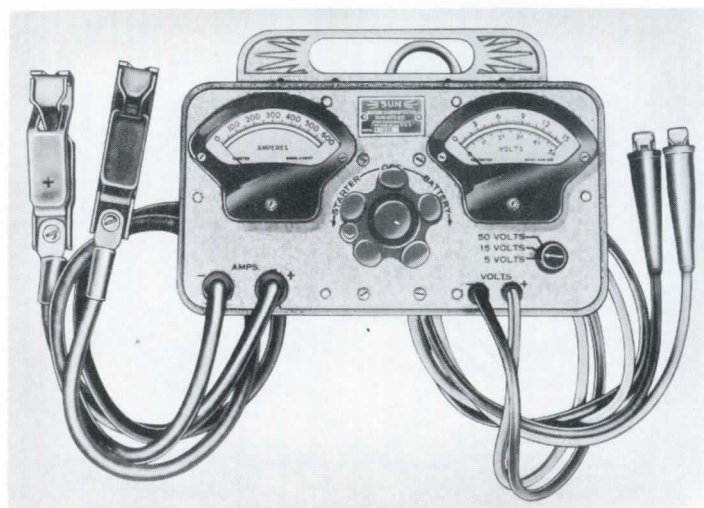
All the above readings are placed before you by making one simple connection to the distributor.



### \* BATTERY STARTER TESTER MODEL Y

A precision unit in which you can place complete confidence. This instrument will quickly test both batteries and starting motor circuits.

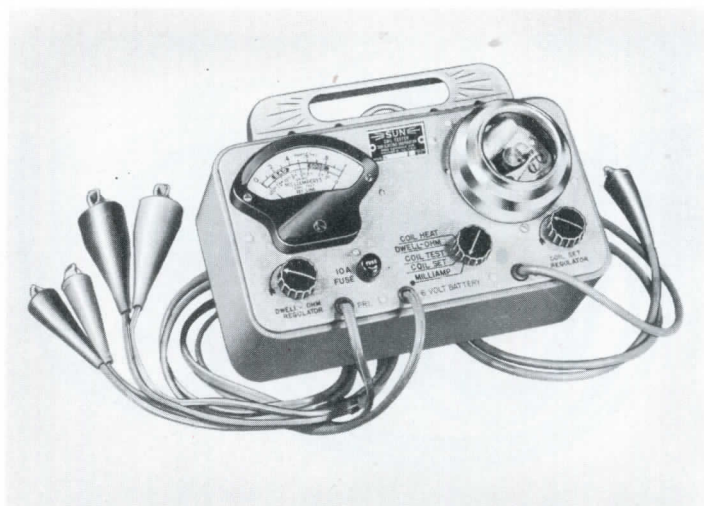
Operation is fast and simple. To set the instrument for a starter test, turn knob to left; for a battery test turn knob to right. The carbon pile has a 600 amp. capacity, with fine adjustment and a definite "off" position. Meters are of the highest grade with Alnico magnets. Easy to read, with 5, 15 and 50 volt scales and a 600 ampere scale.



### \* COIL TESTER MODEL A

All tests are made with 6 volt battery on or off the car. The tester eliminates or compensates for such variables as battery voltage, coil temperature and breaker speed. Checks coils at operating voltage ( $7\frac{1}{2}$  volts), and completes secondary tests through a sealed unit.

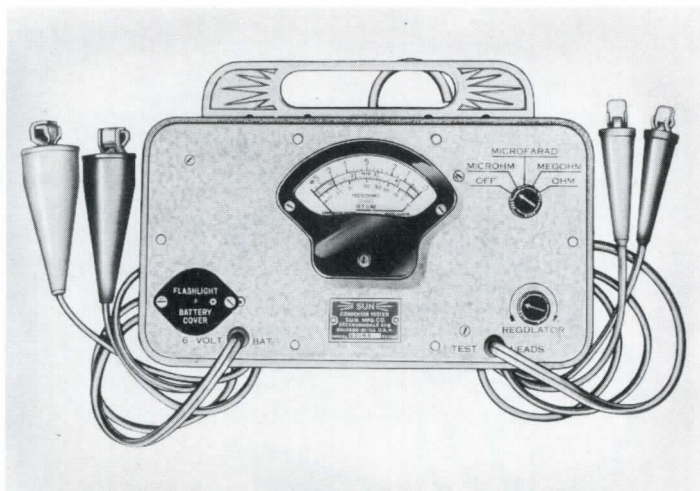
The instrument has a complete coil heating power pack and a current balance test for the secondary circuit, enabling location of faulty secondary contacts. Latest Alnico magnets and proper meter filter provide rapid and accurate readings.



\*Order direct from your local Sun Electric Corp. representative.



## ENGINE TUNE-UP

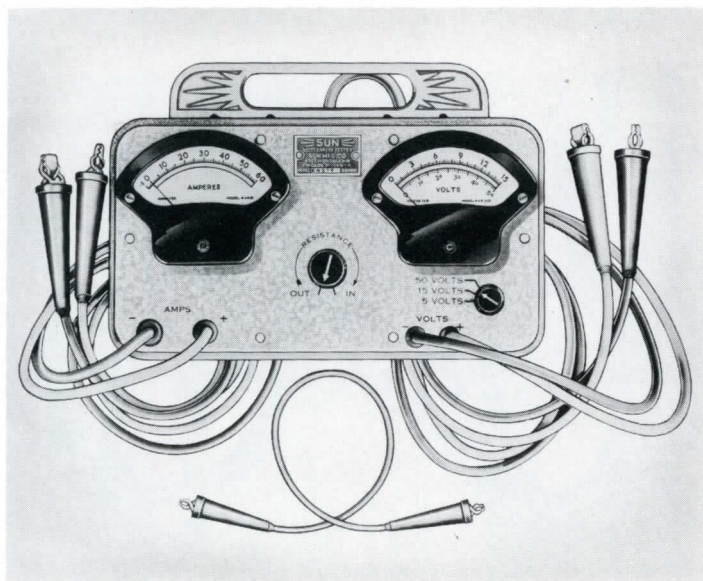
**\* CONDENSER TESTER****MODEL B**

Makes these tests by a simple turn of the switch:

1. Microhm test, locating poor grounding contact or defective pig tail.
2. Microfarad test, checking capacity of the condenser.
3. Megohm test, showing weak insulation in condenser.

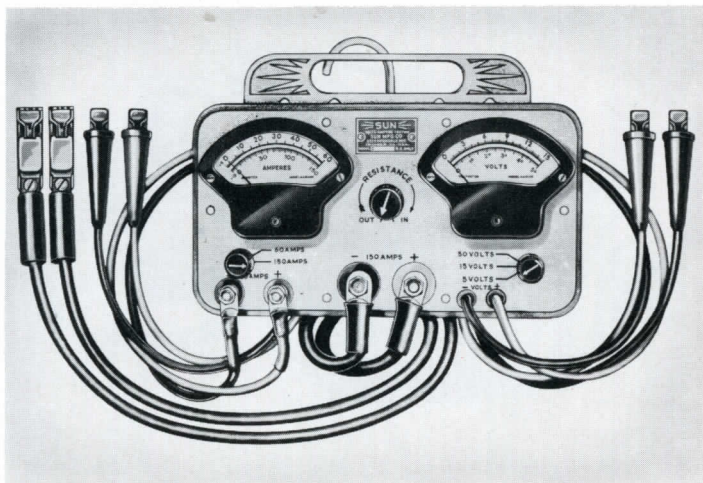
Other tests are also possible, such as resistance tests of from 1 to 10 million ohms. Gas gauges, relays, resistance units, radio parts and suppressors are easily tested.

All condenser tests are made from 6 volt battery.

**\* VOLTS-AMPERE TESTER****MODEL C**

With this handy portable unit you can speedily set the charging rate of any generator and test the voltage regulator for accuracy of operation.

The tester is equipped with the highest quality Alnico magnets, combined with a specially designed variable resistance that gives positive results.

**\* VOLTS-AMPERE TESTER****HEAVY DUTY  
MODEL C-2**

For testing the charging rate of any generator and both standard and heavy duty voltage regulators.

Meters are of the highest grade, with Alnico magnets. The 0-60 ammeter is combined with a specially designed variable resistance for testing all standard voltage regulators. The 0-150 ammeter reads direct through heavy cables for testing all Heavy Duty voltage regulators. Either set of ammeter test leads may be removed from the panel for convenience in application.

\*Order direct from your local Sun Electric Corp. representative.

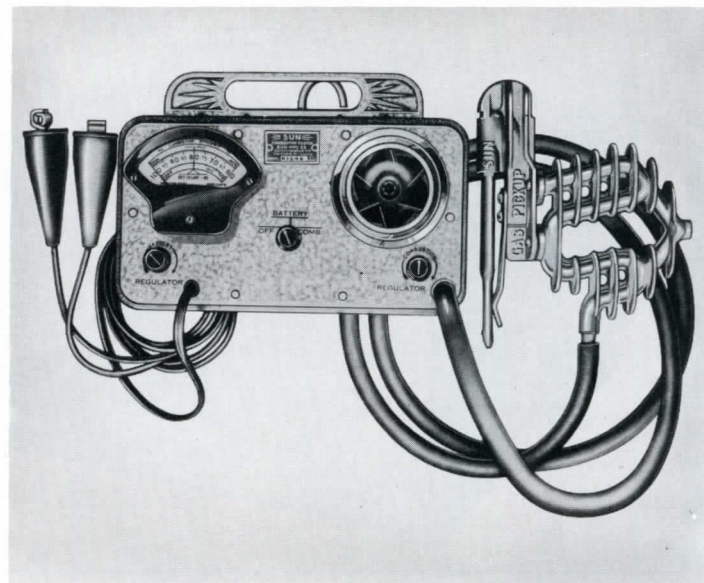
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**\*COMBUSTION TESTER****MODEL H**

A handy unit that quickly irons out all carburetion deficiencies. Carburetor tests can be completed in as little time as ten seconds.

One quick test will immediately indicate whether the carburetor is out of adjustment or needs overhauling. The carburetor is checked at both high and low speeds, as well as the accelerating pump and choke mechanism.

**\*STEEL CARRYING CASE****MODEL I**

Any of the portable testers pictured on pages B-3 and 4 of this catalogue may be purchased enclosed in the Carrying Case illustrated here. The Model G-1 Dwell-Tach tester is shown as an example. Longer test leads are supplied with each instrument.

Listed here are the portable testers, as supplied in the Case, with model numbers:

DWELL-TACH TESTER .....	MODEL G-1
BATTERY STARTER TESTER .....	MODEL Y-1
COIL TESTER .....	MODEL A-1
CONDENSER TESTER .....	MODEL B-1
VOLTS-AMPERE TESTER .....	MODEL C-1
VOLTS-AMPERE TESTER H. D. ....	MODEL C-3
COMBUSTION TESTER .....	MODEL H-1



\*Order direct from your local Sun Electric Corp. representative.



**ENGINE TUNE-UP**

**\* TEST KIT  
MODEL L**

This kit incorporates five essential items for Engine Tune-up, enclosed in a special case 11 $\frac{1}{4}$ " x 9 $\frac{3}{4}$ " x 7 $\frac{3}{4}$ ". Each of these five items is illustrated and described on this page.

**MODEL X**

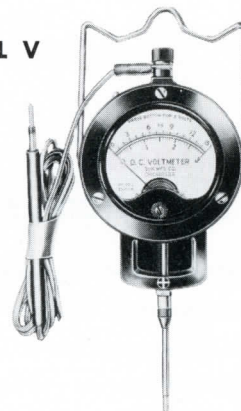
**\* POWER TIMING LIGHT**

Supplies a stroboscopic flash regardless of motor speed, even shows tool marks on flywheel at top speed. Light is visible at 3 feet.

**MODEL P**

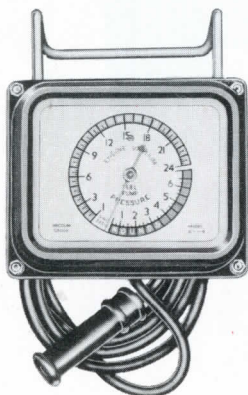
**\* COMPRESSION TESTER**

Shows pounds pressure in each cylinder, and determines true condition of valves, pistons and rings.

**MODEL V**

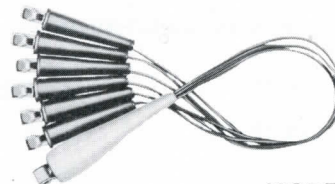
**\* VOLTMETER**

A very reliable instrument. Has two alternative scales, 0-3 and 0-15 volts. Change scale by merely pressing the button.

**MODEL Q**

**\* VACUUM TESTER**

Gauge has two scales, 0-27 inches of vacuum and 0-5 lbs. pressure, enabling a wide variety of useful tests.

**MODEL Z**

**\* CYLINDER BALANCE TESTER**

Used with the Vacuum Tester to check for uniform power impulses under heavy load conditions.

**\* NOTE:** All the motor testing and analyzing equipment featured on pages B1-6 of this catalogue should be ordered direct from the Sun Electric Corp. or from your nearest Sun representative.

**GAS-PER-MILE GAUGE****J 5091**

- Dependable
- Accurate
- Safe

The Kent-Moore Gas-Per-Mile Gauge, model J 5091, is an instrument of outstanding accuracy and quality.

Exceptional accuracy is possible as the gauge permits fuel to enter the carburetor under actual fuel pump pressure. This feature entirely eliminates the errors due to variable fuel pressures, which are characteristic of "gravity feed" instruments.

The J 5091 Gas-Per-Mile Gauge is modernistically designed, the fuel chamber being completely encased in a moulded plastic body with an unbreakable plexiglas window.

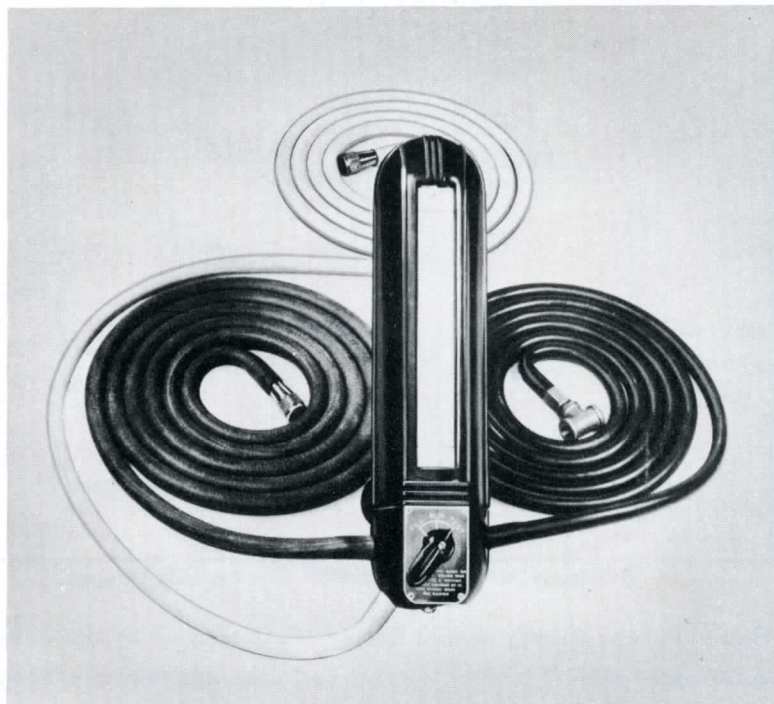
●

The J 5091 Gas-Per-Mile Gauge is conveniently installed on the inside of the car window facing the driver, as illustrated. It is held firmly in position by the steel clip and rubber suction cups.

The three rubber hoses are colored for identification and are of sufficient length to pass through the side window ventilator and into the engine compartment through the radiator grille.

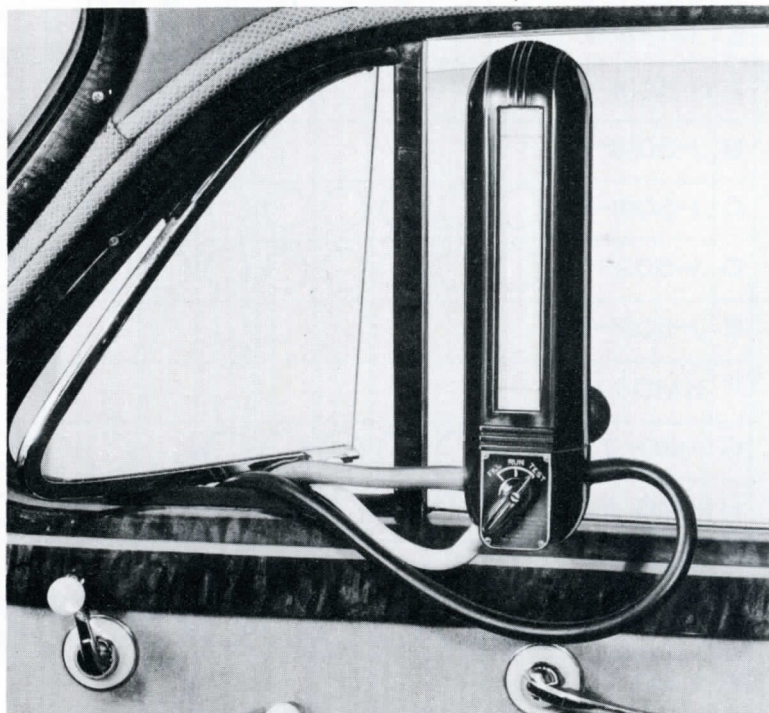
Complete installing and operating instructions are included with each instrument. (*See reverse side for Installation Diagram and Adapter Chart.*)

Capacity 1/10 U. S. Gallon  
Shipping Weight 4½ lbs.

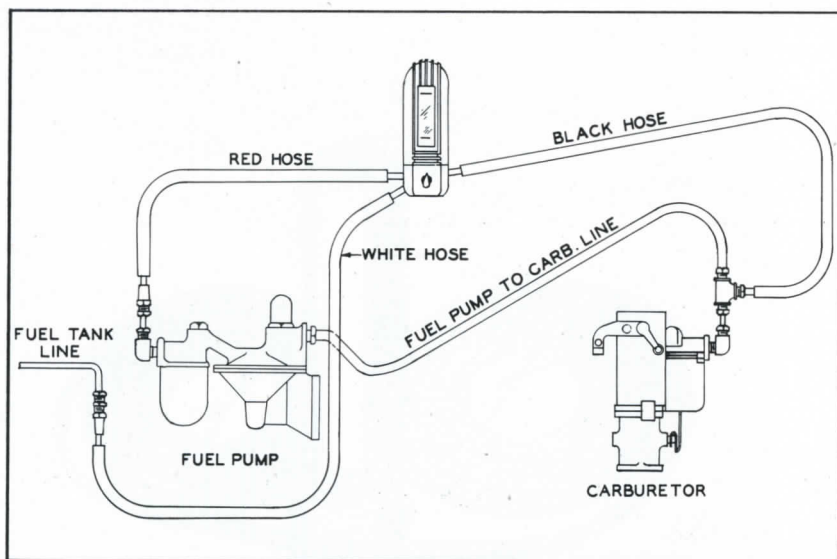


The flow of fuel is regulated by a three-position control valve which permits:

- (1) Filling the chamber by fuel pump pressure.
- (2) Normal driving without disconnecting the gauge or consuming the fuel in the chamber.
- (3) Accurate fuel consumption test under fuel pump pressure.







A Typical Installation of J-5091 Gas Per Mile Gauge

Because of the variety of fuel line connections used by the different automobile manufacturers, special fuel line adapters are supplied for the correct installation of the J 5091 Gas-Per-Mile Gauge.

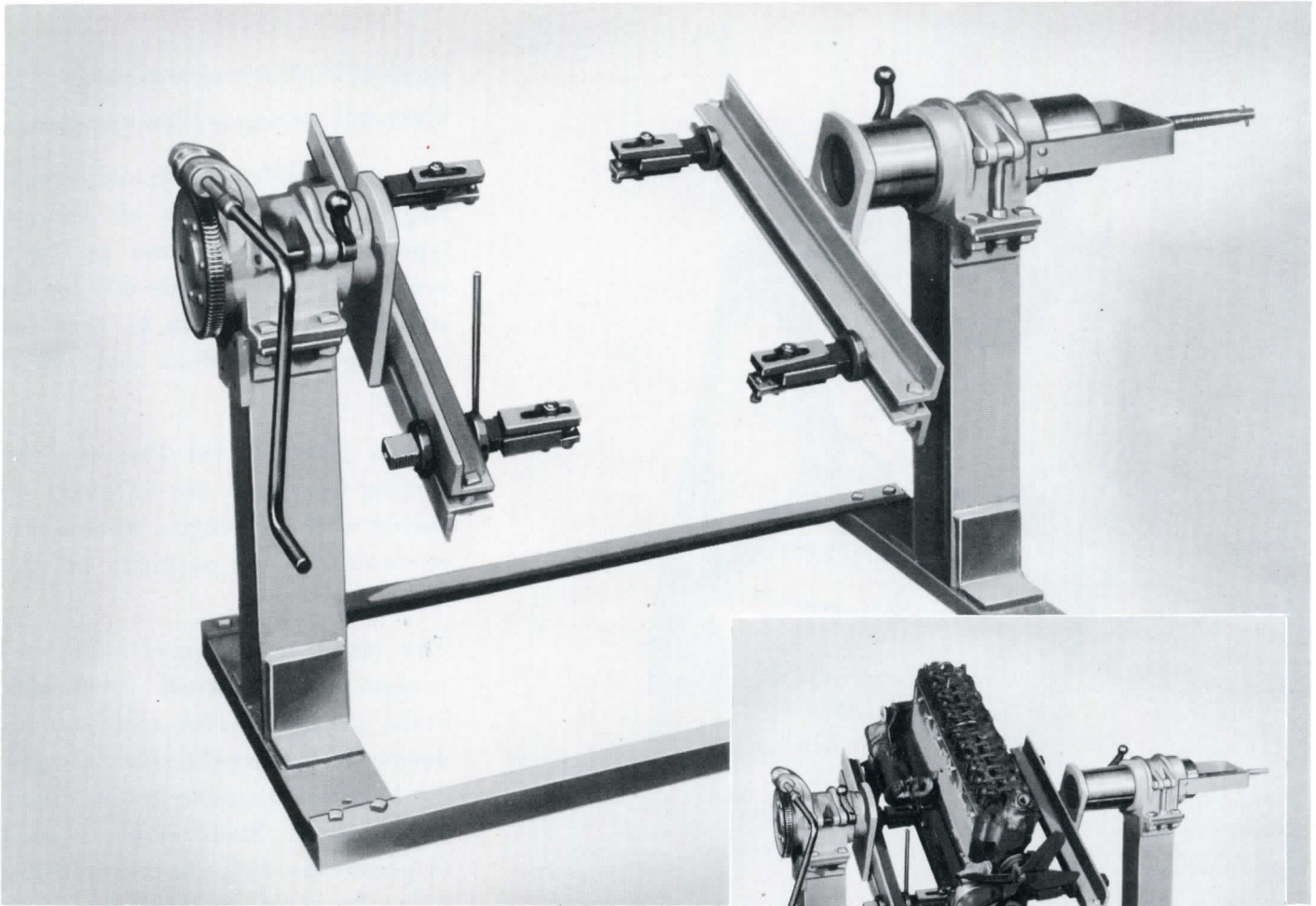
The Gauge is shipped with a complete set of special adapters. These modify the gauge hoses for application to the fuel line fittings on the makes of automobiles listed in the chart below.

- Fill
- Run
- Test

The J 5091 Gas-Per-Mile Gauge is easy to install, simple to operate and safe to use.

To conduct an accurate fuel consumption test, install gauge as illustrated. Fill the gauge chamber by turning control knob to "fill" position with engine running. For normal driving, turn to "run" position. For testing, turn the knob to "test" position and record the mileage indicated on the speedometer as the fuel level passes the top red line on the gauge window. Record mileage again as the fuel level passes the bottom red line and turn knob to "run" position. The difference between the two readings is multiplied by ten, giving you the mileage per gallon of fuel.

LETTER	ADAPTER NUMBER	BUICK	CAD.	CHEV.	CHRY.	DODGE	DESOTO	HUDSON	KAISER FRAZER	NASH	OLDS.	PONT.	PLYM.	PACK.	STUDE. CHAMP.	STUDE. COMM.	
A	J-5091-63											○					
B	J-5091-64											○					
C	J-5091-72	○	○	○	○	○	○		○	○	○		○		○	○	
D	J-5091-74	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	
E	J-5091-76										○				○		
F	KMO-722														○		
G	KMO-723	○	○	○	○	○	○		○	○	○		○			○	
H	KMO-724	○	○	○	○	○	○		○	○	○	○	○		○	○	
I	KMO-725														○		
J	KMO-726	○	○	○	○	○	○	○	○	○	○	○	○	○		○	
K	KMO-727							○						○			



## HEAVY DUTY ENGINE STAND

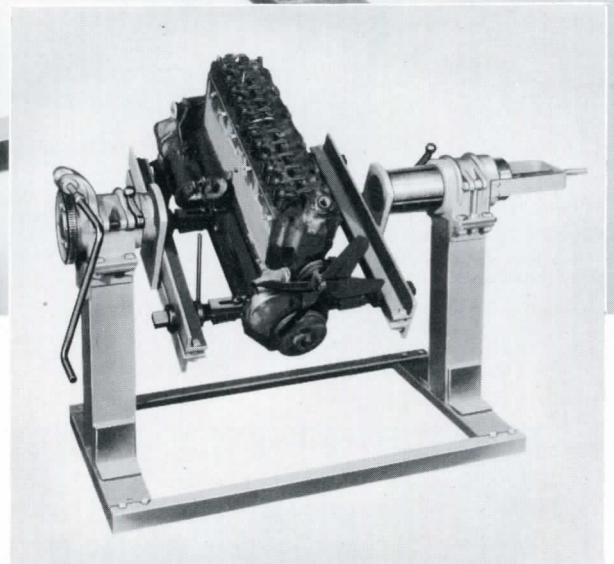
### J 1945

The Kent-Moore J 1945 Heavy Duty Engine Stand is universal in application and designed to handle all types of passenger car and truck engines, with the exception of extremely heavy duty truck and tractor engines.

The J 1945 Heavy Duty Engine Stand permits disassembly and assembly of engines to be done quickly and easily, allowing accessibility to all parts.

The engine assembly can be easily rotated to any desired position through the use of a hand crank and geared turning device.

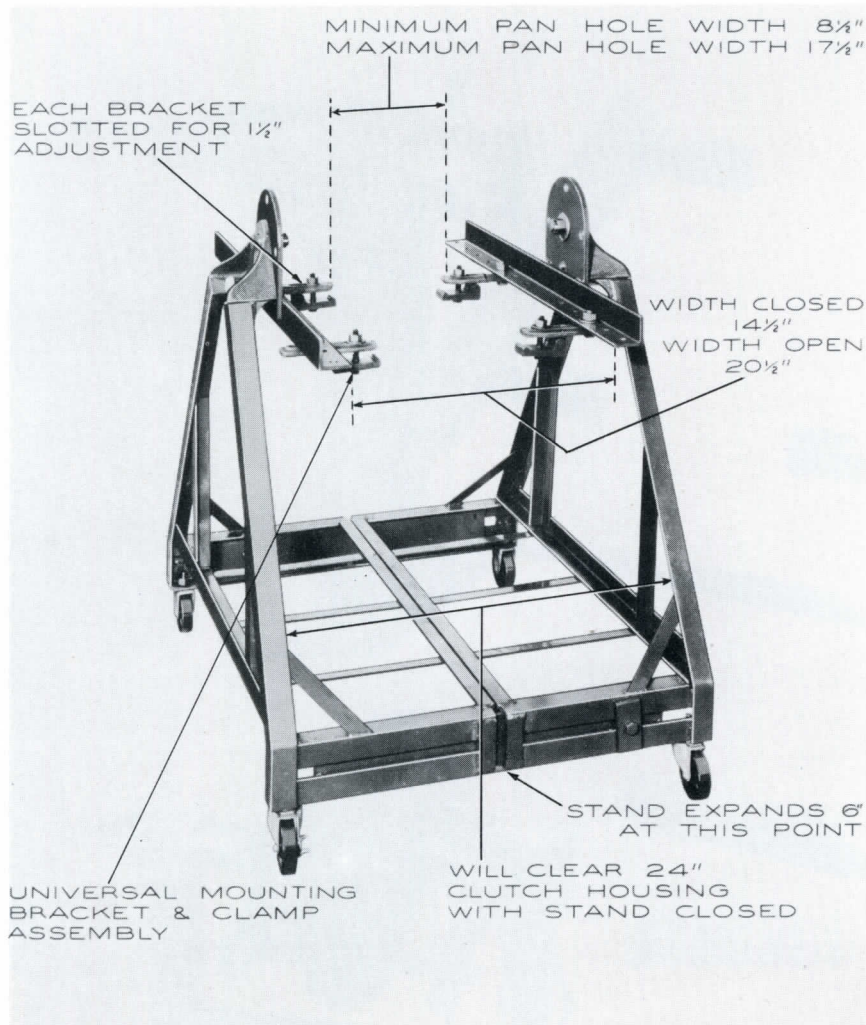
The complete engine stand is very sturdily constructed, safety being the primary consideration in the basic design of the stand. The friction block screws and holding clamps are made to incorporate a particularly high factor of safety.



### Specifications

Maximum Crosswise Opening of Clamps—26½"  
Minimum Crosswise Opening of Clamps—9"  
Maximum Lengthwise Opening of Clamps—21"  
Maximum Swing—29"  
Overall Length—74"  
Overall Width—30"  
Overall Height—36"  
Gear Ratio—100 to 1  
Net Weight—458 lbs.





## UTILITY ENGINE STAND

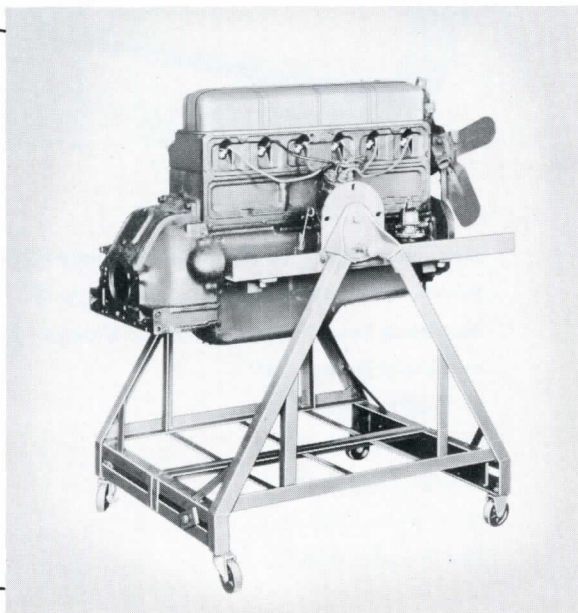
**KMO-682** (Universal except Studebaker)

**KMO-681** (With Special Clamps for Studebaker)

This completely mobile, adjustable Engine Stand handles all In-Line type automotive engines up to a weight of approximately 600 lbs. In addition, the unit can be used for handling transmissions and differentials.

Clutch Housing, Oil Pan and the Timing Gear case can be easily removed while the engine assembly is conveniently in position on the stand.

The stand is equipped with two straight and two swivel casters, with brake mechanism, for mobility. Indexing devices on the side rails permit locking the engine in four different positions. Stand is constructed to permit six inch expansion at the base. Trunnion castings are offset two inches to increase the clearance for clutch housings.



## Specifications

Constructed of 1 1/2" x 1 1/2" x 3/16" mild steel angle stock—fittings are high carbon steel castings.

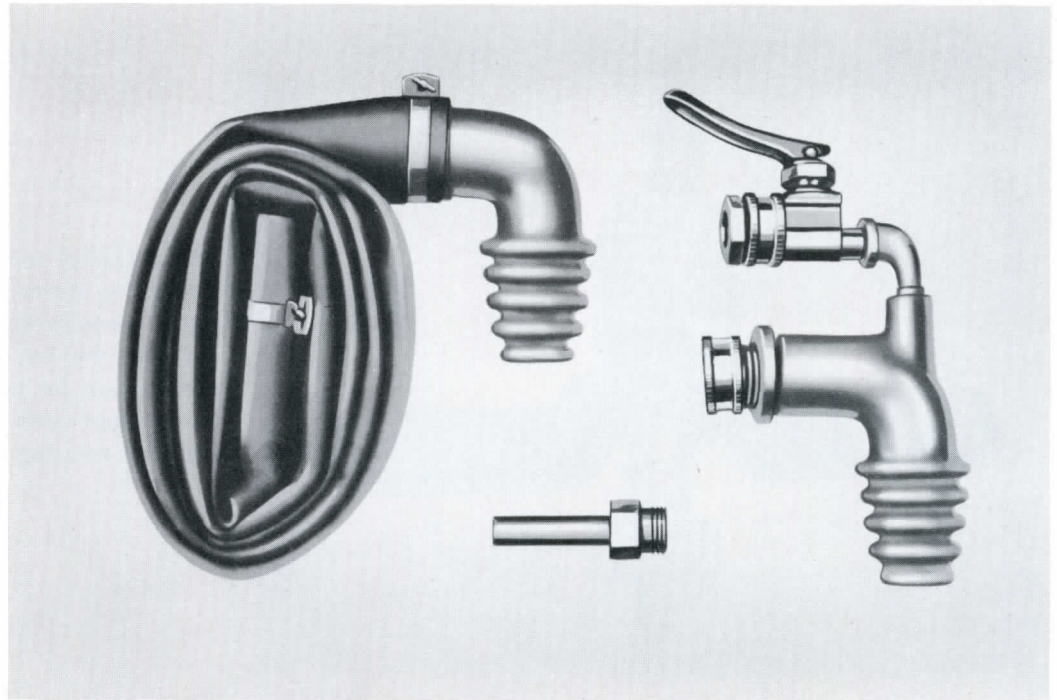
Overall Length (Closed)—34"

Overall Height—37 1/2"

Overall Width—27 1/8"

Shipping Weight—145 lbs.

Finish—Gray Enamel

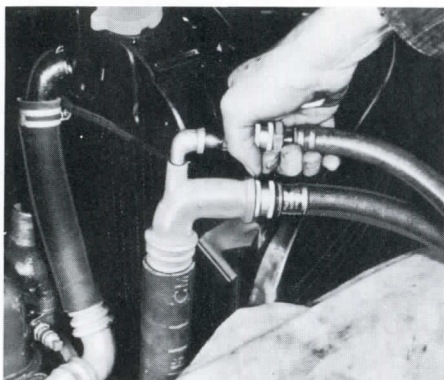
**RADIATOR  
FLUSHER****J 708-A**

Every car should have its cooling system thoroughly flushed out at least twice yearly. The cooling system accumulates rust and corrosion from the water jackets, forming a scale which if not removed will eventually clog the water passages, resulting in inefficient operation of the cooling system, vitally affecting car performance and economy of operation.

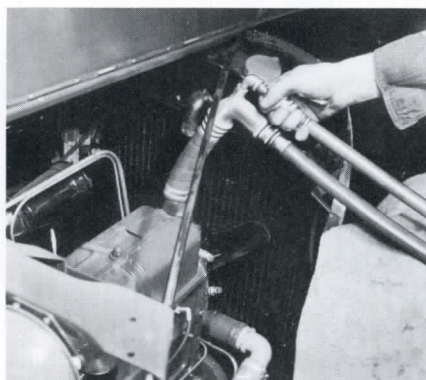
Flushing, therefore, is not only necessary for better

car performance but represents the source of a profitable service operation. This low priced efficient piece of equipment gives excellent results and will enable you to take advantage of this highly profitable service. The outfit is complete and includes one intake casting with air valve and water hose connection, one discharge casting and tube assembly, one special fitting for flushing hot water heaters.

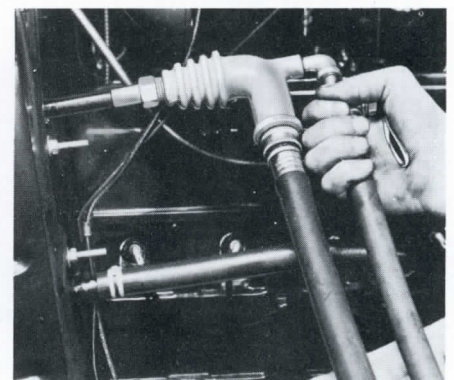
*Weight 10 lbs.*



*View shows combination intake casting with air valve hook-up for reverse flow through radiator.*

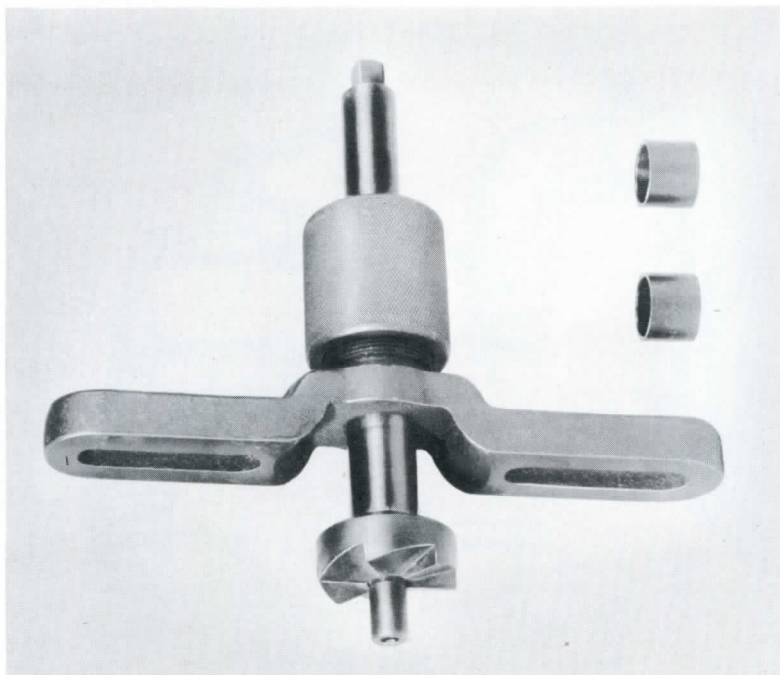


*View shows combination intake casting with air valve hook-up for flushing engine water jackets.*



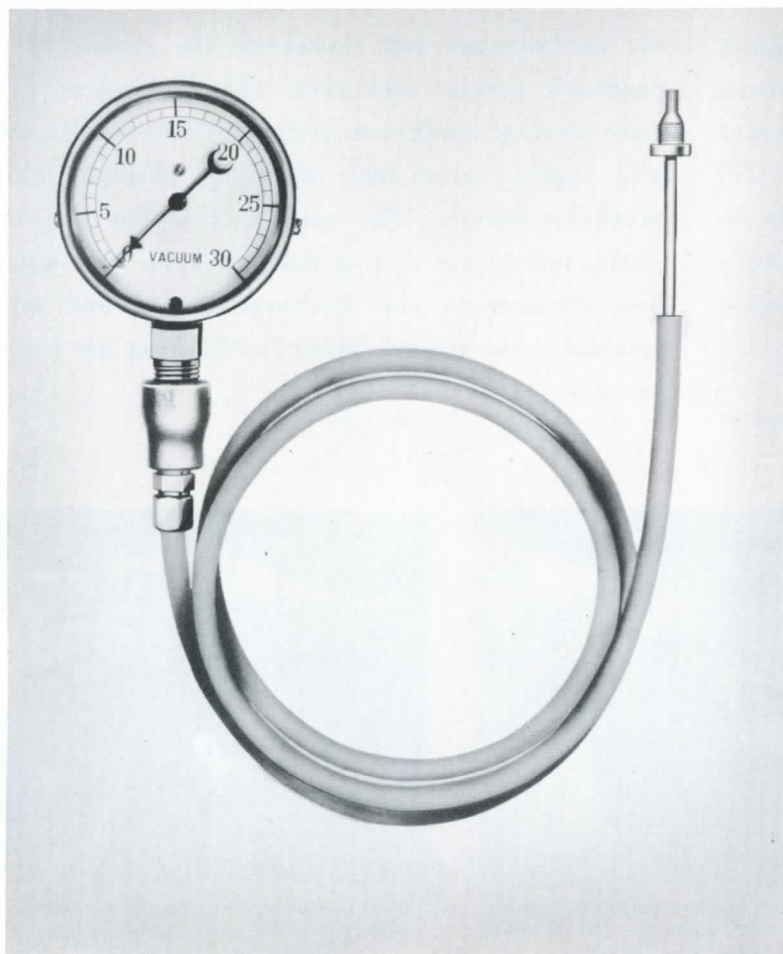
*View shows combination intake casting with air valve and special fitting for flushing hot water heaters.*



**WATER PUMP SEAL SEAT  
REFINISHING TOOL SET****J 1720-A**

The J 1720-A tool set has been designed to re-finish the scored or rough seat surface in the water pump body. The tool takes a light smooth cut from the seat surface. After cutting, the seat surface can be polished by placing a piece of fine emery cloth between the cutter and seat face and rotating the cutter shaft.

*Weight 4¾ lbs.*

**ENGINE VACUUM  
CHECKING GAUGE****J 89**

Accurately indicates pressures below atmospheric in inches of mercury, existing in the intake manifold while engine is operating. Fluctuations indicate improper valve action, intake leaks, poor carburetion, etc.

*Weight 1¼ lbs.*

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

## VALVE AND CLUTCH SPRING TESTER

### KMO 607

This tool provides a fast and accurate means of testing and matching coil springs up to 7" free length and 2½" diameter, having a spring load range from 4 to 400 pounds.

KMO 607 Valve and Clutch Spring Tester is used with an accurate tension wrench such as illustrated below.

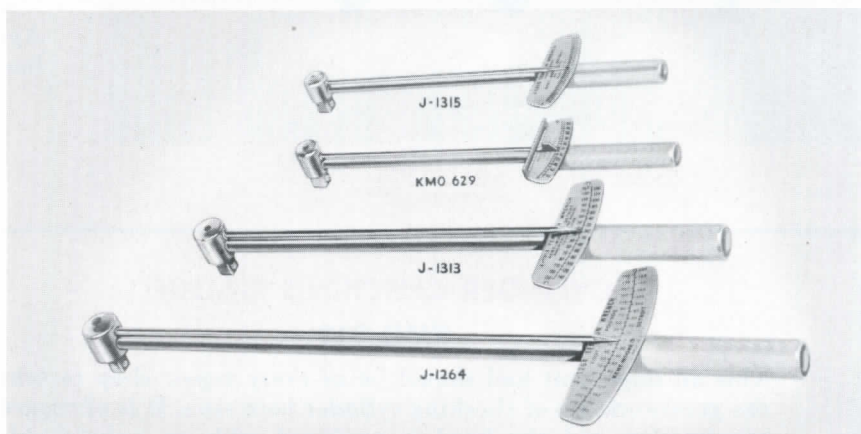
*Weight 6½ lbs.*



## TENSION WRENCHES

These wrenches employ a ground spring steel shaft for the calibrated beam; the pointer and beam are both mounted in the adapter head. The scale is conveniently placed near the knurled hand grip for easier reading, and is calibrated in foot-pounds tension on both sides of zero. Readings may be taken when either removing or replacing a part. The wrenches have a small adapter head, which permits their use in close places. No moving parts to wear or get out of adjustment.

They are light-weight, of rugged construction, and ideally suited to the rough handling imposed in normal shop work. Present day highly efficient engines require precision in assembly, and these wrenches enable the mechanic to do his work accurately.



### J 1264

Range 0-200 Ft. Lbs.  
½" Sq. Drive—Length 23"  
Weight 3 Lbs.

### J 1315

Range 0-25 Ft. Lbs.  
¾" Sq. Drive—Length 12"  
Weight 1 Lb.

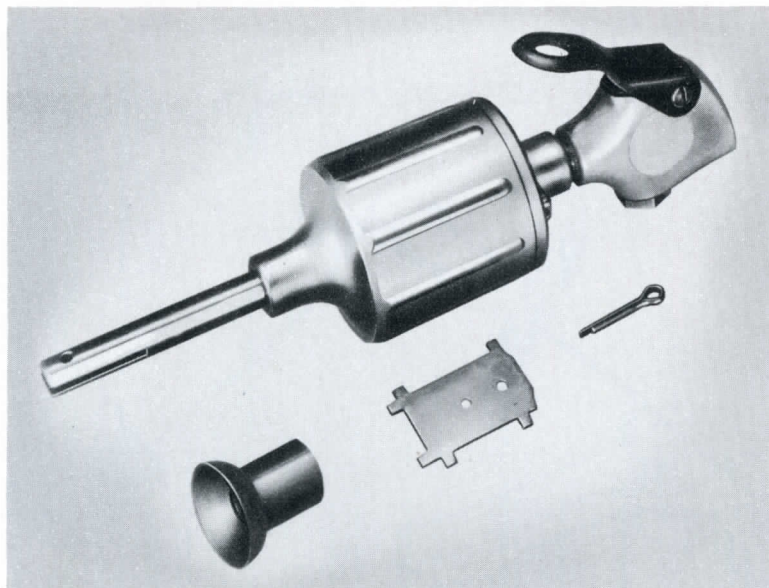
### J 1313

Range 0-150 Ft. Lbs.  
½" Sq. Drive—Length 17"  
Weight 2 Lbs.

### KMO 629

Range 0-50 Ft. Lbs.  
½" Sq. Drive—Length 12"  
Weight 1 Lb.



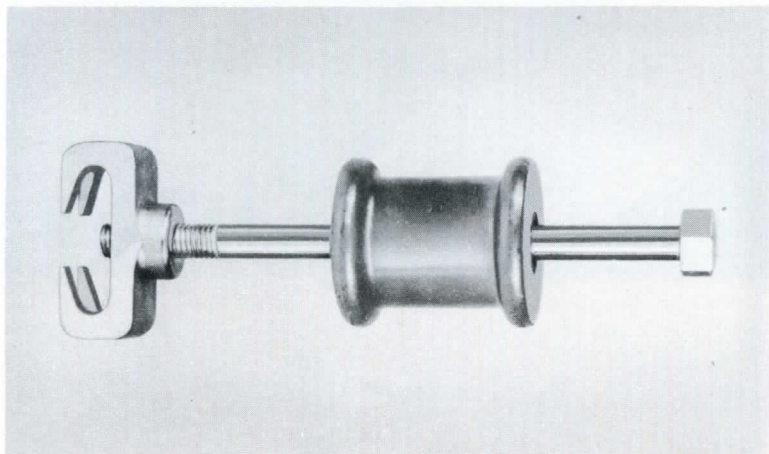
**AIR OPERATED VALVE LAPPER****KMO 967**

This valve lapper is a complete precision instrument. It does not spin, it oscillates, a perfect way to lap valves and obtain a good fit.

This lapper is designed for use on all Auto, Truck, Diesel and Aeronautical Engines. When coupling to air line be sure that the line is free of all dirt and water. Oil each time you use it, and this lapper will give you years of service.

The valve lapper is set for 100 lbs. air pressure, and an adjusting screw is provided to reduce the speed when higher pressures are used.

*Weight 2¼ lbs.*

**TIGHT VALVE REMOVER****J 2153**

This slide hammer type remover provides a safe and time saving means of removing valves which stick in the guides due to carbon or varnish deposits. The claw on the tool slips under the valve head and is held in place by running the remover main shaft down tight against the valve head. A few sharp blows of the slide weight against the head of the shaft will remove the valve.

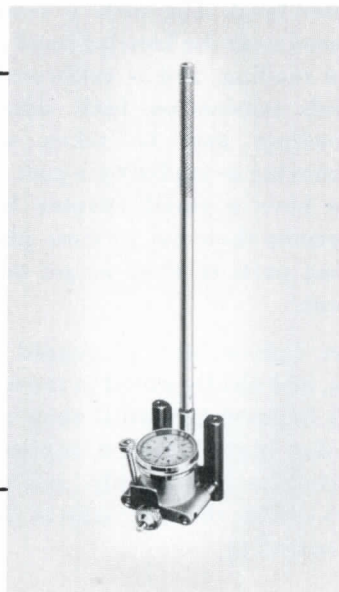
Applicable to all "L" head engines with valve head diameters of 2" or less.

*Weight 4 lbs.*

**CYLINDER CHECKING GAUGE****KMO 913**

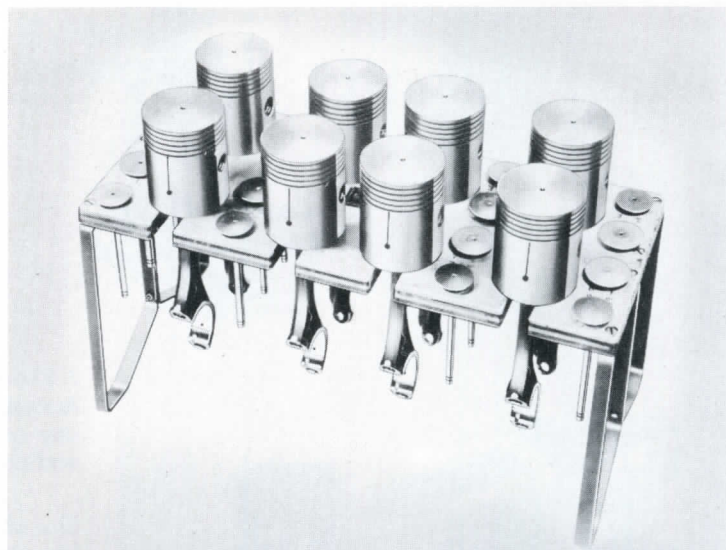
This all important tool should be in every repair shop to take the guesswork out of checking cylinder bore sizes. It is of rugged construction and the head is equipped with an unbreakable crystal. The dial may be rotated to establish the "0" starting point at any desired position. The dial is calibrated in thousandths of an inch, clockwise and counterclockwise from zero. One full revolution of the hand is .100 inch.

*Weight 2½ lbs.*

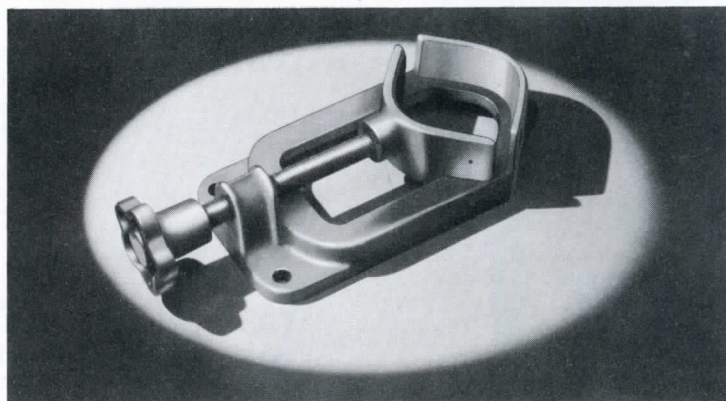


**PISTON AND  
VALVE RACK****KMO 464**

The use of this rack will insure the installation of pistons and valves in the cylinders from which they were removed, as each piston and valve space is numbered to correspond to its position in the engine block. It also provides a safe place for storing units before and after reconditioning.

*Weight 12 lbs.***PISTON VISE****J 1218**

The Piston Vise is the safe, convenient way to hold a piston when removing rings, installing new rings, pins and connecting rods. The angular cast aluminum jaws grip the piston lightly but firmly at four points, preventing distortion.

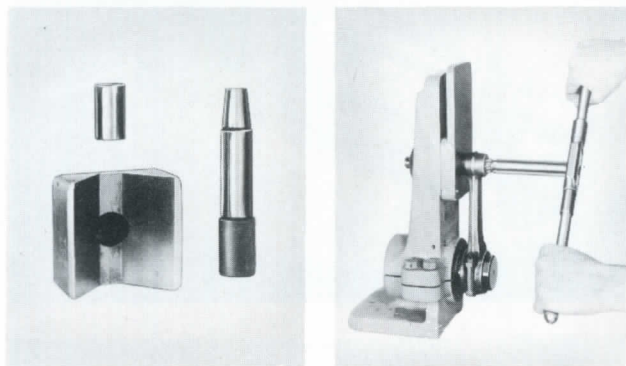
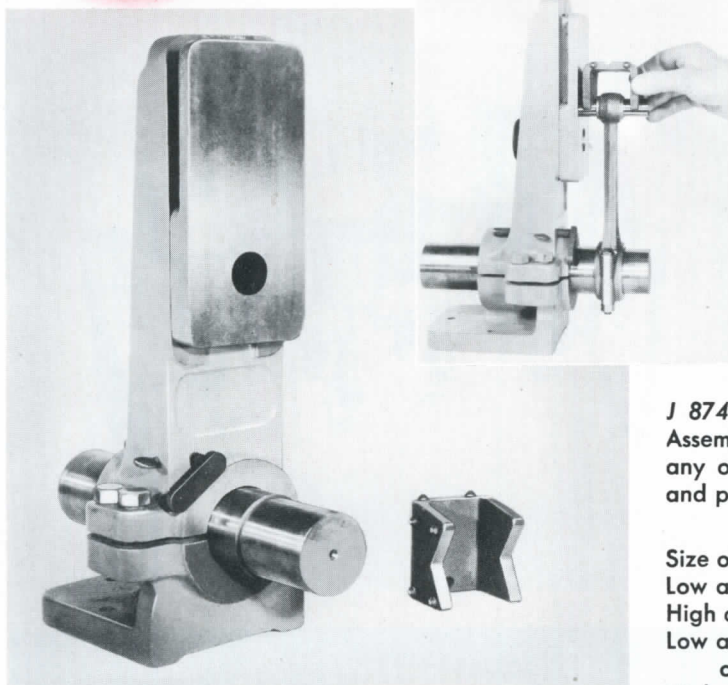
*Weight 5 lbs.***CONNECTING ROD  
BENDING IRON****HM 3-R**

An extremely valuable tool for straightening bent or twisted connecting rods. Recommended for use with J 874-X Connecting Rod Aligner. Can also be used for many other purposes around the shop.

*Weight 5 lbs.*



## ENGINE REPAIR



## CONNECTING ROD AND PISTON ALIGNER J 874-X

The outstanding features of this Aligner are the adjustable surface plate and the facilities for piston pin bushing reaming. The adjustability of the surface plate permits the checking of a wide range of connecting rods. Turning the knurled locking nut makes it possible to adjust the surface plate to any desired position. The Aligner is ruggedly constructed and the solid type arbor gives sufficient strength to withstand the straightening or bending of connecting rods while on the Aligner. (Use HM 3-R, Bending Iron, previously listed.)

*J 874-X Connecting Rod and Piston Aligner includes: Aligner Assembly • Piston and Piston Pin Aligning Indicator • Choice of any one available connecting rod arbor listed below—specify size and part number.*

### Specifications

Size of Base	6" x 4-7/8"
Low adjustment for reaming pin bushing—center to center	6"
High adjustment for reaming pin bushing—center to center	11-1/16"
Low adjustment face plate for aligning rods and pistons—center to center	5"
High adjustment face plate for aligning rods and pistons—center to center	15"
Arbor Hole Size	2-1/4"

*Weight 36 lbs.*

## PISTON PIN BUSHING REAMING ATTACHMENTS (Not included with J 874-X)

These accessories to J 874-X are available at additional cost for Piston Pin Bushing reaming operations. Illustration shows connecting rod being reamed, pistons can also be reamed using J 874-11 "V" Block.

- J 874-7 Piston Pin Bushing locating Arbor
- J 874-10 Piston Pin Bushing Pilot Sleeve (all cars except Chevrolet)
- J 965-2 Piston Pin Bushing Pilot Sleeve (Chevrolet only)
- J 874-11 Piston Reaming "V" Block

### AVAILABLE CONNECTING ROD ARBORS

J 874-27	2-1/16" dia.	Chev'let, Continental Aircraft
J 874-29	2" dia.	Buick, Nash, Olds., Pontiac
J 874-30	2-1/8" dia.	Chev'let, Oldsmobile, Pontiac
J 874-31	1-7/8" dia.	Hudson, Nash, Studebaker
J 874-32	1.9375" dia.	Hudson, Studebaker
J 874-33	2-3/16" dia.	Studebaker
J 874-34	2-3/8" dia.	Studebaker
J 874-35	2-15/32" dia.	Cadillac, Continental Aircraft
J 874-36	2" dia.	
	Spec. Comb.	Cadillac, Continental Aircraft
J 874-37	2-5/16" dia.	Chevrolet
J 874-38	2.390" dia.	Packard
J 874-39	2.200-2.220" dia.	Packard

### PISTON PIN BUSHING REAMERS

#### Expansion type

J 874-9	.856 dia.	Cadillac, Oldsmobile
J 874-16	.750 dia.	Hudson
J 874-17	.812 dia.	Buick, Nash
J 874-18	.875 dia.	Cadillac, Nash, Packard, Studebaker, Buick
J 874-19	.936 dia.	Pontiac
J 874-54	.924 dia.	Pontiac
	(Roughing)	
*J 965-3	.865 dia.	Chevrolet
*J 965-4	.990 dia.	Chevrolet

#### Solid type

J 874-25	.857 dia.	Continental Aircraft
J 874-26	.8609 dia.	Continental Aircraft
J 874-40	.920 dia.	Continental Aircraft
J 874-41	.9236 dia.	Continental Aircraft

*\*(Requires Piston Pin Bushing Pilot Sleeve J 965-2)*

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

**"ROBOT" HEADLIGHT TESTER**  
J 1900-C

- **Accurate**
- **Dependable**
- **Versatile**

The Kent-Moore "Robot" Headlight Tester is a scientifically designed instrument used to accurately test car and truck headlights for proper aim and candlepower output.

"Robot" Headlight Testers are officially approved by the many states requiring compulsory headlight inspection and are installed in many state inspection stations.

Fast and easy to operate, the "Robot" Headlight Tester employs a photo-electric cell to test candlepower output and a condensing lens and screen for aiming.

In operation, the headlights are simply adjusted to the desired pattern set in the "Robot" Headlight Tester.

A floor slope compensator eliminates the necessity of a perfectly level floor for operation. The test head can be adjusted vertically to accommodate the lowest fog light or highest bus or truck headlight.

The "Robot" Headlight Tester is portable and can be used on or off the floor track as desired. In addition, the "Robot" head can be detached for checking light intensity and vertical aim right at the point of customer contact.

"Robot" head is finished in black, guide posts are cadmium plated and stand is trimmed in Chinese red.

Heavy cast base adds stability, special type rollers permit smooth easy movement.

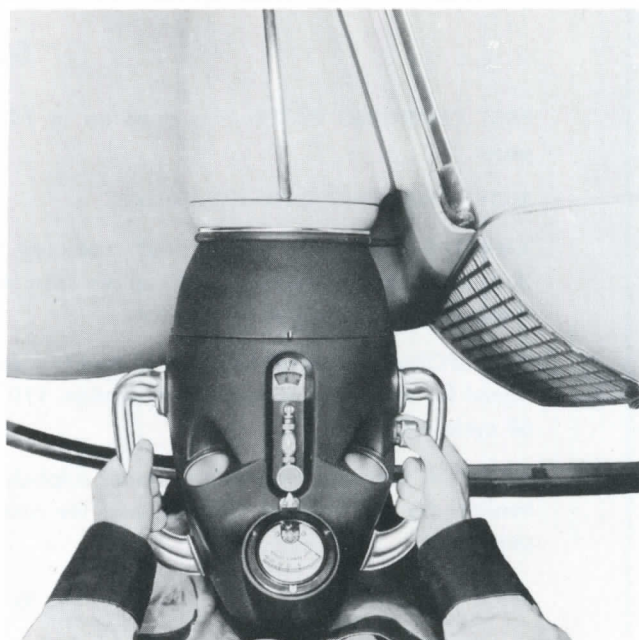
*Weight 119 lbs.*

**"ROBOT" TESTING HEAD**  
J 1220

Additional "Robot" Test Heads are ideal for merchandising headlight testing service by making "on-the-spot" checks of the motorists' lighting equipment. J 1220 is the Testing Head part only of the J 1900-C "Robot" Headlight Tester and can be purchased separately if desired.

*Weight 11 lbs.*

A comprehensive operating instruction booklet is included with each J 1900-C "Robot" Headlight Tester or J 1220 "Robot" Testing Head.







**"JIFFY" PORTABLE  
FAST BATTERY CHARGER  
KMO 573**

The KMO 573 "Jiffy" Portable Fast Battery Charger is a compact, light weight portable unit with six charging rates up to 75 amperes. Five charging rates are for fast charging and one 10 ampere rate permits slow charging.

Due to its large capacity, the "Jiffy" Portable Fast Battery Charger is also recommended for use as a starter booster. It will spin a starter even though the battery is completely discharged.

The unit will fast charge a 6-volt battery or three cells of a 12-volt battery and slow charge as many as seven batteries in parallel at a 10 ampere rate.

Being portable, the "Jiffy" Charger is ideal for use in the Dealer's Service Department and Used Car Department.

### Specifications

**FAST CHARGING RATES**—Five steps up to 75 amperes.

**SLOW CHARGING RATE**—10 amperes.

**AMMETER**—Thoroughly sealed and protected from dust and moisture, mounted in 3" square case. Accurately indicates from 0 to 75 amperes.

**TRANSFORMER**—Special heavy duty transformer designed for continuous economical operation. 110 volt, 60 cycle A.C.

**RECTIFIER**—Oversize magnesium copper sulphide self healing dry disc rectifier. Assures long life and dependability.

**VENTILATION**—Six inch motor driven fan provides adequate forced draft ventilation through ventilating grill.

**ANODIZED CHARGING CLIPS**—Heavy duty, rubber insulated. High pressure chemically treated copper jaws provide firm grip on battery posts.

**CABLES**—Rubber insulated. A.C. cable is 15 feet long, D.C. cables are 4½ feet long. Wind on holder.

**CASE**—Ruggedly constructed sheet steel case has rounded corners. Perfectly balanced for carrying ease. Equipped with carrying handle and brackets for holding coiled cables.

*Net Weight 39 lbs.*

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

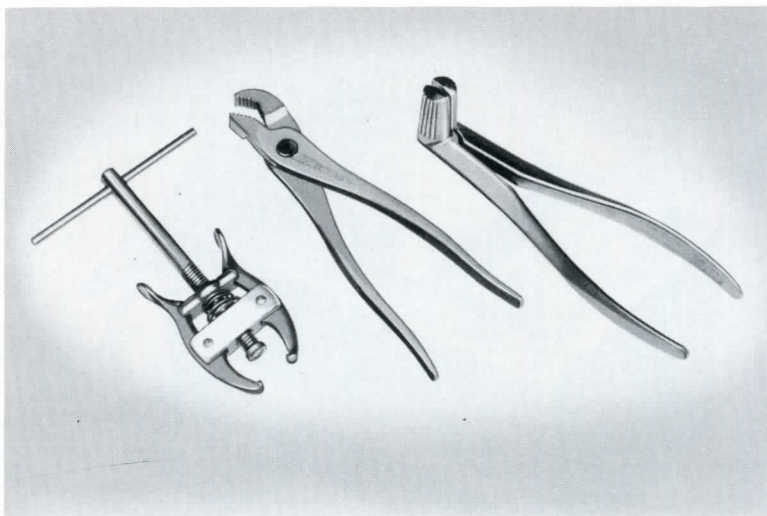
**BATTERY SERVICE TOOL SET  
KMO 112**

These special battery service tools facilitate battery removal and replacement operations with a minimum of effort. Their use prevents damage to battery and cables, insures proper connections and saves valuable time.

KMO 112 Battery Service Tool Set includes:

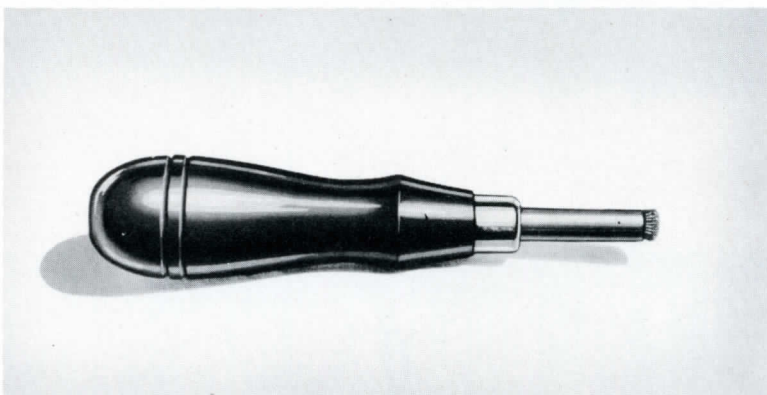
- 1—Combination Pliers and Post Cleaner
- 1—Combination Clamp Spreader and Cleaner
- 1—Universal Terminal Clamp Puller

*Weight 2 lbs.*

**DISTRIBUTOR CAP  
TERMINAL CLEANER  
KMO 230**

Cleans and dresses distributor cap terminals with minimum time and effort. Dirt and corrosion are thoroughly removed with a few quick turns.

*Weight 1/4 lb.*

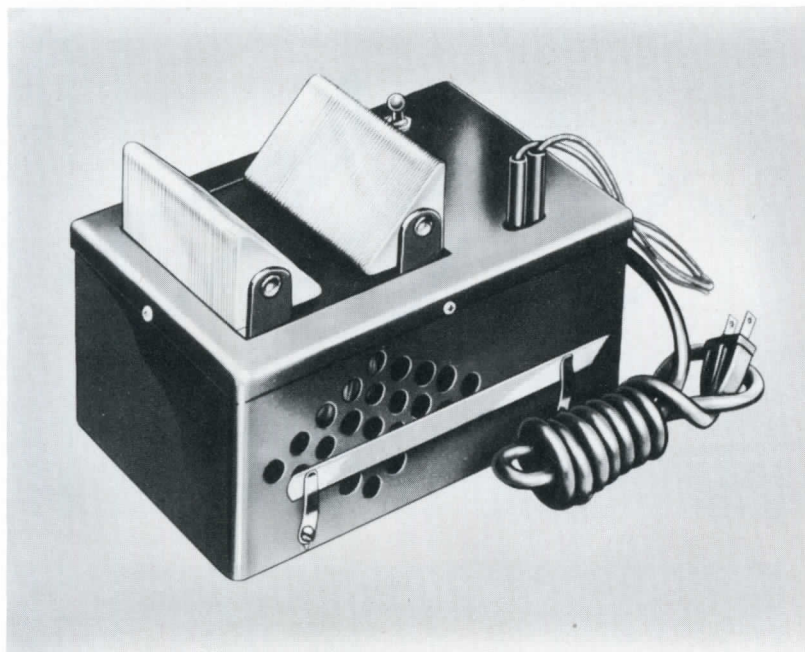
**REMOTE CONTROL  
STARTER SWITCH  
J 2679**

An auxiliary starter switch which enables the mechanic to operate the starter from the engine compartment. Eliminates necessity of getting in and out of the car to operate the starter.

*Weight 1 lb.*







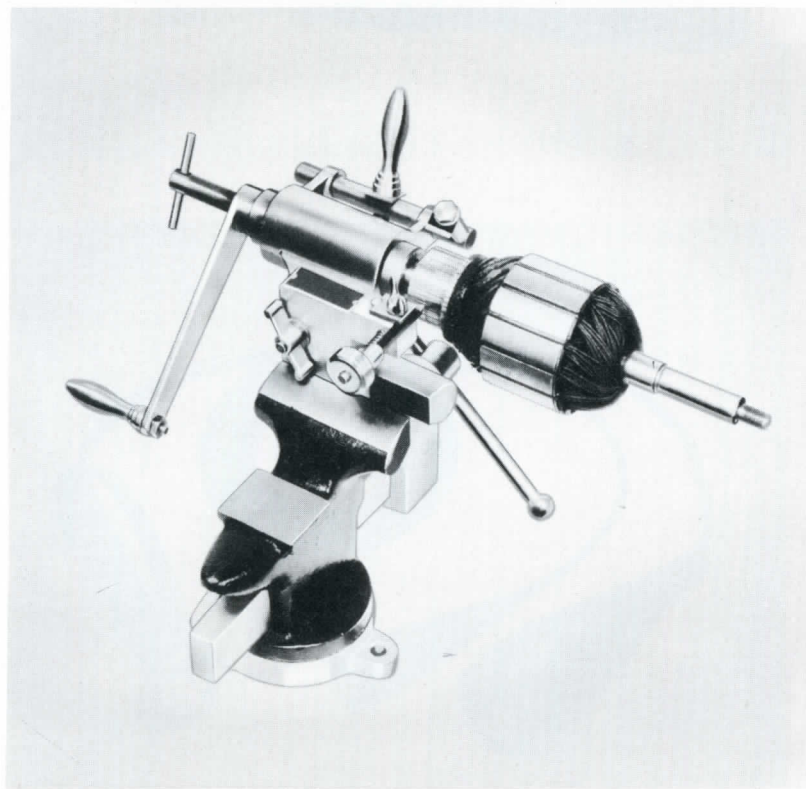
### **ARMATURE TESTER** **KMO 909**

Tests all types of armatures up to 4" in diameter, for all troubles including: open circuits, shorts, grounded and reversed connections.

Test light indicates grounds and serves as pilot lamp when tester is on.

**Specifications:** 6 $\frac{3}{8}$ " x 6" x 9". 110 volt, AC.

*Shipping Weight 15 lbs.*



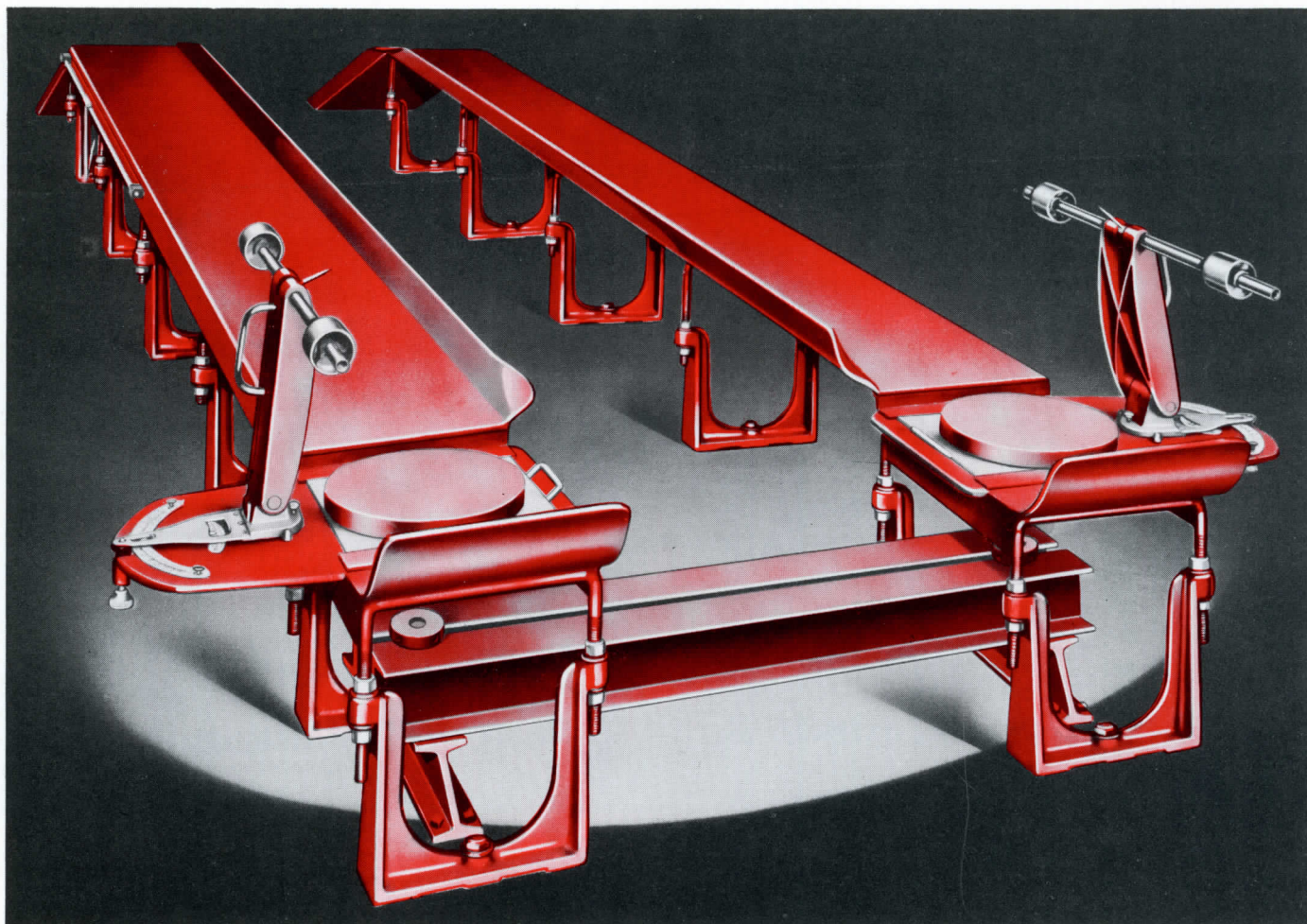
### **ARMATURE LATHE** **KMO 622**

For turning and undercutting starter and generator commutators. The tool is made to clamp in a standard bench vise.

The threaded spindle permits the armature to be automatically fed past the cutter bit when the crank handle is turned. The undercutting saw blade operates on a sliding shaft supported by arms cast in the body of tool.

Body of the tool is high grade zinc alloy die casting. Cutting bit is of highest grade tool steel. Mica undercutting saw blade included.

*Shipping Weight 6 lbs.*



## KENT-MOORE WHEEL ALIGNER

### Model J 5080

Here are several good reasons why the Kent-Moore Wheel Aligner makes a speedier alignment check.

The whole job of analyzing caster, camber and kingpin inclination is done with one gauge set . . . no additional instruments are necessary. All readings are taken from one area. Wide runways, convenient working heights, easy accessibility to all checking areas . . . all these factors contribute to faster, more accurate aligning and greater profits for you.

These features are rapidly making the Kent-Moore Wheel Aligner the logical preference among those interested in merchandising complete wheel alignment service at a minimum investment.

For descriptive literature, and the name and address of your local Kent-Moore representative, write to Kent-Moore Organization, General Motors Building, Detroit 2, Michigan.

**NOTE:** The Kent-Moore Wheel Aligner Model J 5080 includes the complete Press Assembly J 5078, illustrated on reverse side of this page.

Model J 5079 Wheel Aligner is the same as Model J 5080 less the Press Assembly J 5078.

## Specifications

**RUNWAYS**—Heavy gauge steel, width 14", inside flange 4".

**SUPPORTS**—Cast iron, 16" high with 6" adjusting range.

**ALIGNMENT HEADS**—Welded steel plate with integral safety stops. Tire contact swivel castings supported on ball bearings.

**TOE-IN-SCALE**—0" to ½" toe-in or toe-out, readings magnified 4 times.

**TURNING RADIUS SCALE**—0° to 40° turn in or out.

**TIRE CONTACT BARS**—Ground steel with adjustable tire contact adapters

**WHEELBASE SCALES**—Denote wheelbases 100" to 160".

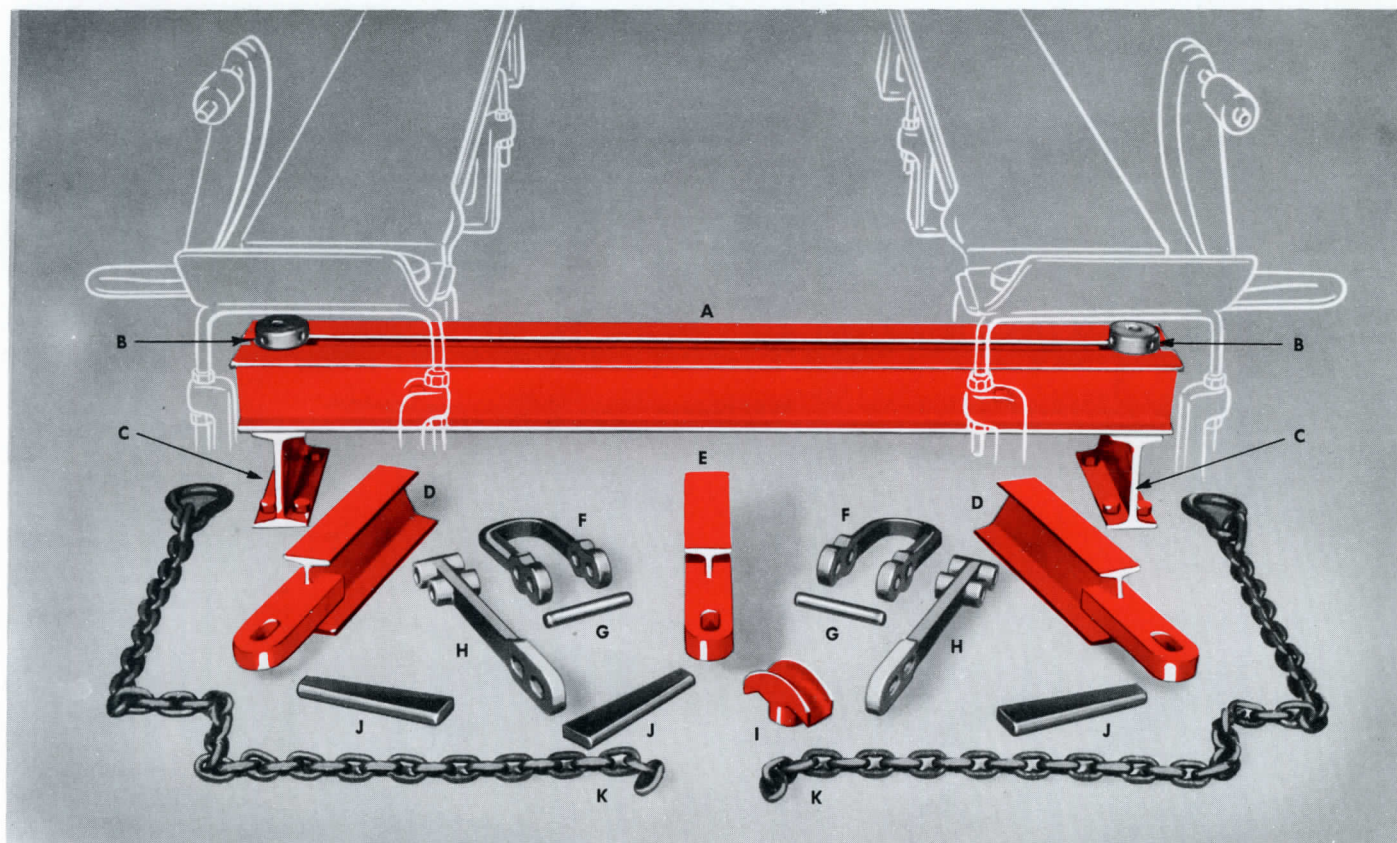
**RAMPS**—Non-skid tread, flanged at both ends and detachable.

Overall Length . . . . . 20' 4"

Overall Width . . . . . 8'

Weight . . . . . 1635 lbs.





### ILLUSTRATION KEY

- A—J 5078-16 "I" Beams
- B—J 5078-17 Beam Lock Nuts
- C—J 5078-13 Leg Assemblies
- D—J 5078-7 Long Anchor Posts
- E—J 5078-6 Short Anchor Post
- F—J 5078-3 Clevises
- G—J 5078-5 Clevis Pins
- H—J 5078-2 Clevis Connectors
- I—J 5078-24 Jack Adapter
- J—J 5078-4 Wedges
- K—J 5078-19 Chain Assemblies
- NOT ILLUSTRATED
- J 5078-25 Jack Pads (2)
- J 5078-20 Jack Bracket
- J 5078-18 Beam Lock Nut Handle

### PRESS ASSEMBLY J 5078

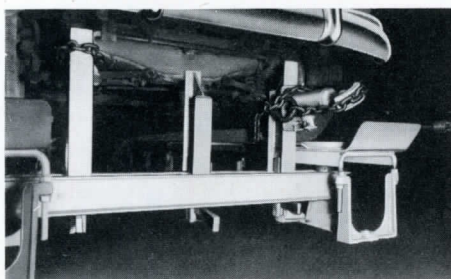
The J 5078 Press Assembly permits the operator to make all necessary corrections while the aligner gauges are attached to the spindles.

As illustrated, the press assembly "I" Beams and leg assemblies are located directly beneath the aligner heads and are bolted securely to the floor. No pressure is applied to the aligner turntables during bending operations.

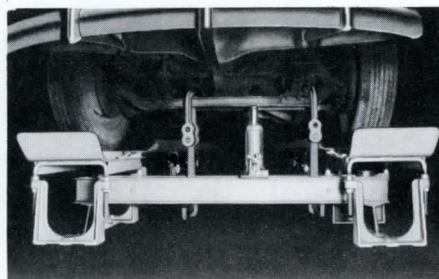
The "I" Beam section is removable and the anchor posts, clevises and clevis connectors are adjustable and can be locked securely in position with the steel wedges and clevis pins provided.

Also included with the Press Assembly are: a clamp type jack bracket (which holds the hydraulic jack horizontally to the anchor posts), two heavy gauge jack pads and a beam lock nut handle. These three items are not illustrated.

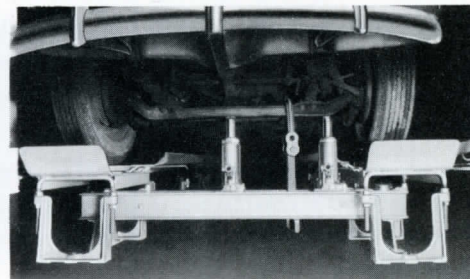
### STRAIGHTENING KNEES



### INCREASING CAMBER



### DECREASING CAMBER



**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN



## WHEEL ALIGNER ACCESSORIES

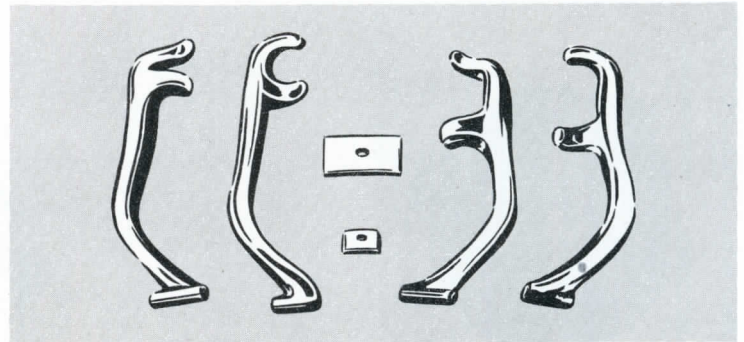
## FRONT SUSPENSION

## CAMBER CORRECTION TOOL SET

## KMO 502-A

This tool set includes camber increasing and decreasing tools for both left and right sides, for all automobiles equipped with "A" type knee action arms. Spacers are also provided for car models with double support arms. The use of the KMO 502-A Set eliminates the necessity of applying heat during bending operations.

*Weight 61 lbs.*

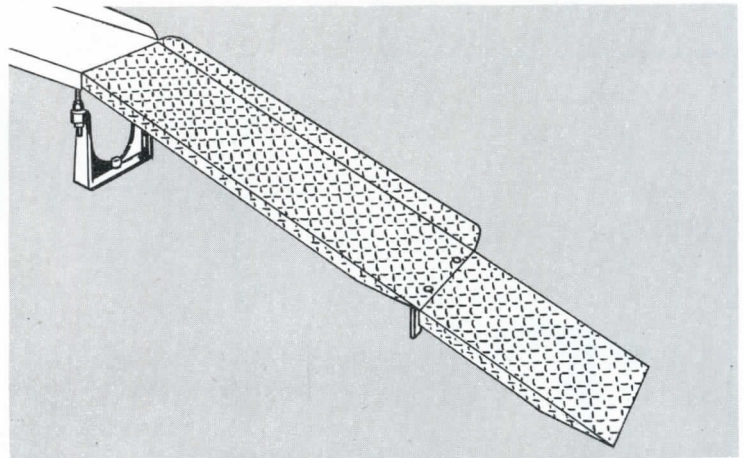


## RAMP EXTENSIONS

## J 1500-SA-11 (Pair)

These 3½ ft. detachable ramp extensions are applicable to all models of Kent-Moore Wheel Aligners and are required for late model automobiles with wheel bases of 116 inches or over.

*Weight 130 lbs.*

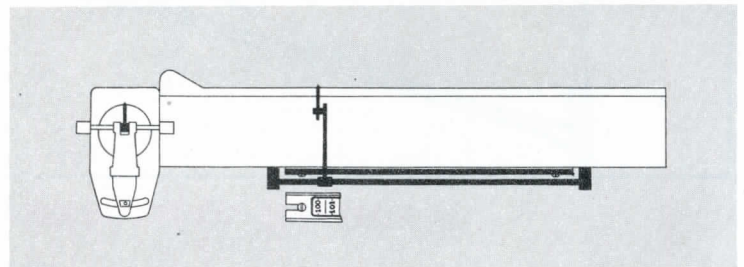


## WHEEL BASE CHECKING SCALES

## J 5074 (Pair)

(Included with J 5080)

The J 5074 Wheel Base Checking Scales are available separately for attachment to earlier Kent-Moore Model J 1500 Wheel Aligners which have openings machined in the tops of the test arm castings to receive the front pointers. Black portions of the illustration at right show one scale and pointers installed on the aligner.



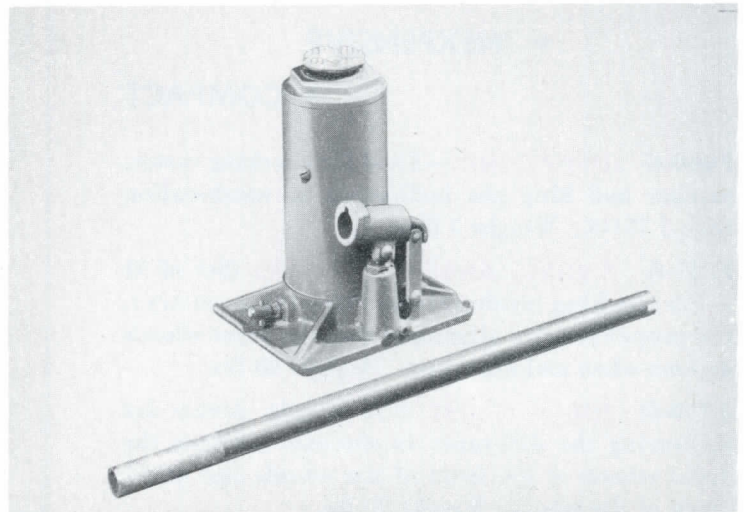
## HYDRAULIC JACK

## KMO 672

This 8-ton Hydraulic Jack is recommended for use with J 5080 Wheel Aligner and J 5078 Press Assembly, for making front end alignment corrections.

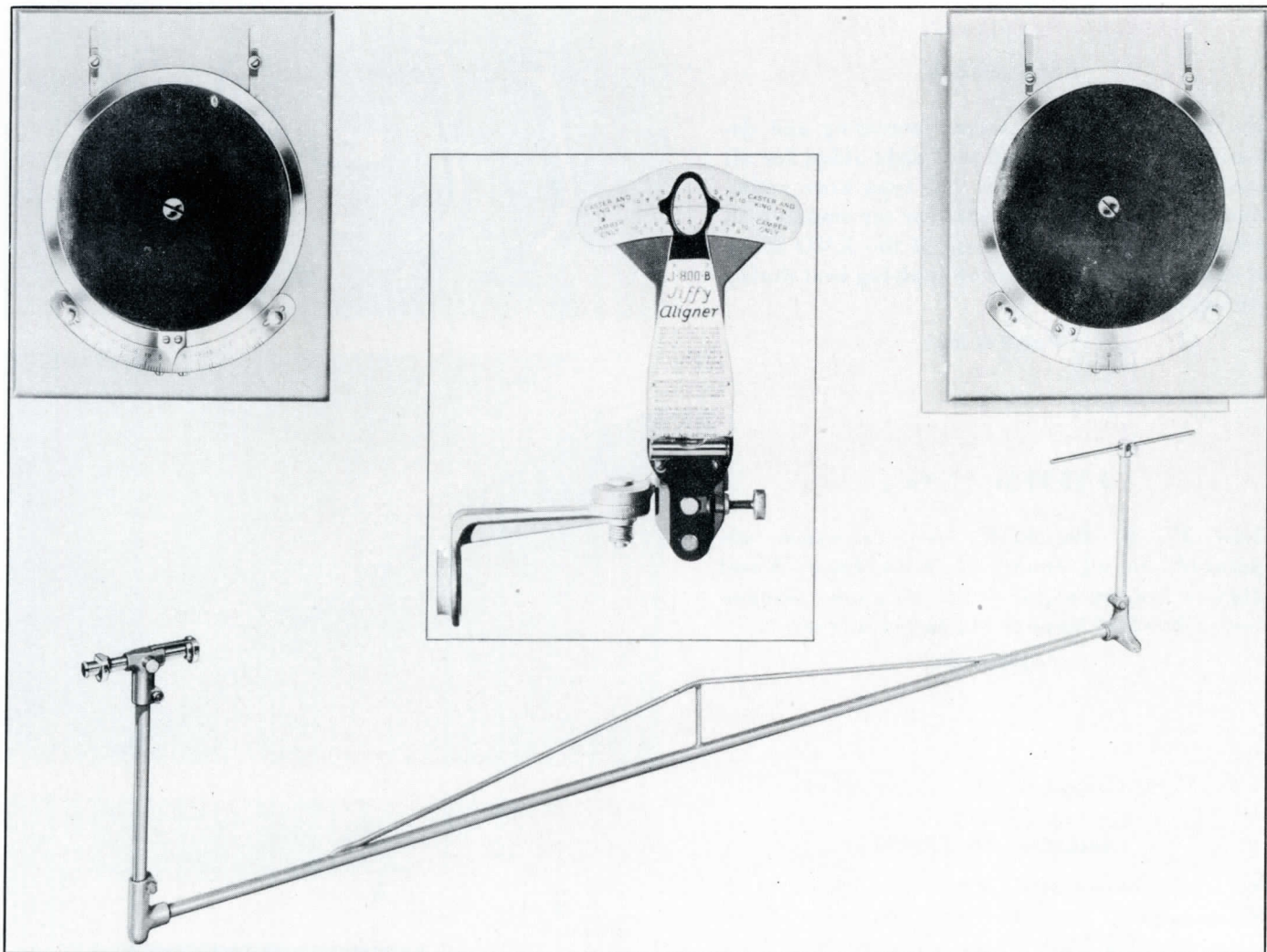
As two jacks are required for correction operations it is suggested that KMO 672 Hydraulic Jacks be purchased in pairs.

*Weight 24 lbs.*





## FRONT SUSPENSION



## PORTABLE WHEEL ALIGNING EQUIPMENT

- ACCURATE
- INEXPENSIVE
- COMPACT

**J 800-U JIFFY ALIGNER**—Used for checking caster, camber and king pin inclination in combination with J 751-A. Weight 2 lbs.

**J 751-A TURNING ANGLE INDICATORS (Set of 2)**—For checking turning radius (steering geometry), the proper relative alignment that the front wheels assume when making a turn. Weight 48 lbs.

**J 710-O TOE-IN GAUGE**—A simple device for measuring the difference in distance between the front wheels at the front of the wheels and at the back of the wheels. Weight 20 lbs.

**THIS EQUIPMENT** was designed with a great deal of thought and study of the needs of the average dealer. The simplicity and speed with which an accurate diagnosis of front-end conditions can be made makes it outstanding.

All complicated calculations are eliminated. It requires no specialized training and can be used effectively after a few minutes study of the detailed instructions furnished with the equipment.

The equipment is offered at a price that permits every dealer to equip himself for this essential and highly profitable service work.

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

**"SPEEDMASTER"**  
**PASSENGER CAR WHEEL BALANCER**  
**J 5075**



The J 5075 Speedmaster Balancer is sturdy and simple in construction and employs the principle of a sensitive beam balance, one of the most precise balancing actions known. It is the principle used in the laboratory technician's scale and is the same means of balancing as employed by the U. S. Army Air Forces for balancing propellers.

Wheel balancing with the Speedmaster Balancer is a one-man operation and is accomplished quickly and accurately without the necessity of wheel spinning or constant observation of lights and indicators.

The J 5075 Speedmaster Balancer can be located anywhere as electric power is not necessary and the floor need not be level. Wear, operating costs and periodic maintenance checks are eliminated with the absence of electric motors and moving parts. It continues to be accurate and dependable indefinitely.

The J 5075 Speedmaster Balancer is ruggedly constructed and features a tubular steel wheel rack, an eccentric lifting device and a divided wheel weight container.

*Shipping Weight 176 lbs.*

*Kent-Moore Wheel Balance  
Weights are recommended for  
use with J 5075 "Speedmaster"  
Wheel Balancer. Be sure to  
order a supply of Kent-Moore  
Wheel Balance Weights when  
ordering your Wheel Balancer.*

**SEE REVERSE SIDE  
FOR AVAILABLE  
WHEEL BALANCE WEIGHTS**



"SPEEDMASTER" WHEEL BALANCER

**OPERATION  
DETAILS**



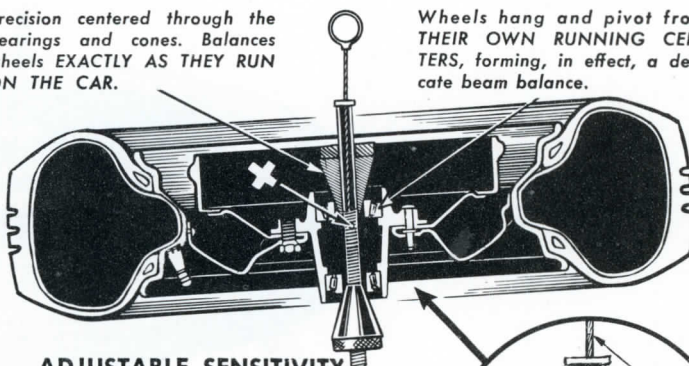
- ← Airplane cable runs down through shaft to pivot point.
- ← Tell-tale disc floats on cable . . . shows balance at a glance.
- ← Internal pivot point precision centered . . . each tool individually balanced.
- ← Centering cones grip wheel bearing cones . . . eliminate play or friction.

The sensitive mechanism of a Speedmaster Balancer is contained in the cone and shaft assembly illustrated to the left. (The Truck Balancer cone and shaft assembly is larger to accommodate the heavier truck wheels and tires. — See Page 7 Section E.)

*Complete illustrated instructions are furnished with both Speedmaster Wheel Balancers.*

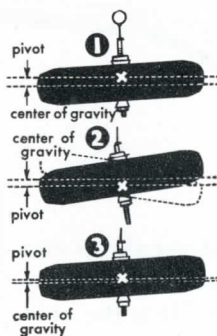
Precision centered through the bearings and cones. Balances wheels **EXACTLY AS THEY RUN ON THE CAR.**

Wheels hang and pivot from **THEIR OWN RUNNING CENTERS**, forming, in effect, a delicate beam balance.



**ADJUSTABLE SENSITIVITY**

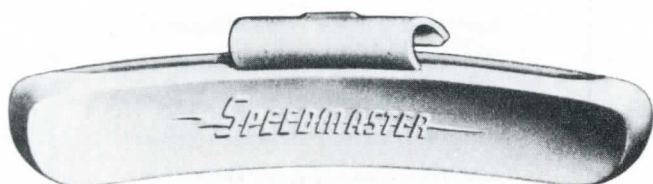
— Sketches show how simply this precision wheel balancer quickly brings the wheel into position for the most accurate and critical balancing.



- 1—Stable. Center of gravity of wheel too low in relation to pivot point . . . Low sensitivity.
- 2—Unstable. Wheel raised too high past critical point . . . Center of gravity now above pivot point. Wheel rolls around cable, making balance impossible.
- 3—Critical. Wheel lowered until instability disappears. Pivot point is now just above center of gravity, making critical balance easy with extreme sensitivity and accuracy.

**KENT-MOORE WHEEL BALANCE WEIGHTS**

*For Passenger Cars and Light Truck Wheels*



**KMO 683**

**STANDARD PASSENGER CAR AND LIGHT TRUCK WHEEL BALANCE WEIGHTS**

*Sold only in standard packages as indicated*

Size	Std. Pkg.	Size	Std. Pkg.
½ oz.	50	3 oz.	50
1 oz.	50	3½ oz.	50
1½ oz.	50	4 oz.	50
2 oz.	50	5 oz.	50
2½ oz.	50	6 oz.	25



**KMO 569**

**SPECIAL THIN PASSENGER CAR WHEEL BALANCE WEIGHTS**

*Designed for wheels with hub caps which completely cover the wheel and for inside wheel clearance.*

Size	Std. Pkg.
½ oz.	50
1 oz.	50
1½ oz.	50
2 oz.	50



### KENT-MOORE TRUCK WHEEL BALANCE WEIGHTS

(Sold only in standard packages of quantities listed)

#### HEAVY DUTY TRUCK WHEEL BALANCE WEIGHTS

##### KMO 688

Size	Std. Pkg.	Size	Std. Pkg.
8 oz.	25	20 oz.	10
12 oz.	10	24 oz.	10
16 oz.	10		

#### SPECIAL HEAVY DUTY TRUCK WHEEL BALANCE WEIGHTS

KMO 689-F Special for Firestone Rims

KMO 689-G Special for Goodyear Rims

KMO 689-BD Brake Diaphragm Clearance Weights

Size	Std. Pkg.	Size	Std. Pkg.
8 oz.	25	16 oz.	10
12 oz.	10	20 oz.	10

#### HEAVY TRUCK AND BUS WHEEL BALANCE WEIGHTS

##### KMO 684

Size	Std. Pkg.	Size	Std. Pkg.
4 oz.	50	9 oz.	25
5 oz.	50	10 oz.	25
6 oz.	25	12 oz.	10
7 oz.	25	14 oz.	10
8 oz.	25	16 oz.	10

### "SPEEDMASTER" TRUCK WHEEL BALANCER

#### KMO 635

The KMO 635 Truck Wheel Balancer is a portable unit designed especially for balancing both single and dual truck and coach wheel assemblies.

Being portable, the KMO 635 Balancer reduces the time and dangers of handling heavy truck and coach wheel assemblies to a minimum. In addition, valuable shop space is conserved as no permanent location is necessary for the balancer. Can be taken to the balancing job. The floor need not be level and only one man is required to operate.

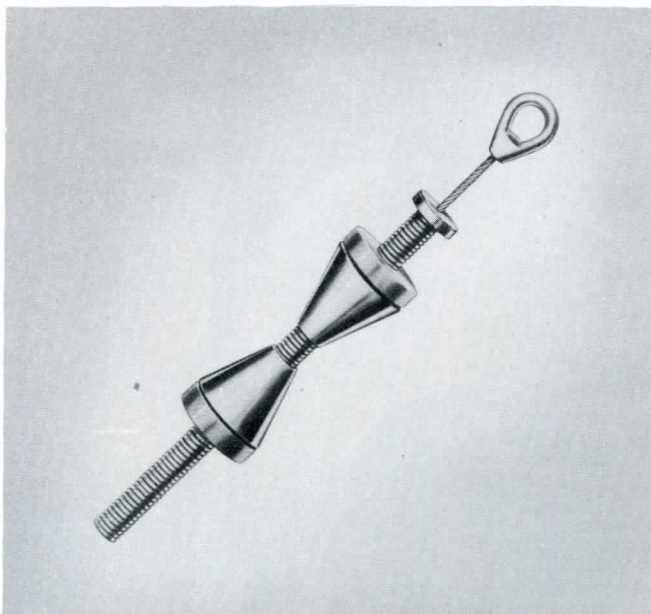
Due to its principle of operation, no electric power is required, parts wear and periodic maintenance checks are practically eliminated. The unit remains accurate and dependable indefinitely.

The KMO 635 Truck Wheel Balancer is sturdily constructed of tubular steel and features a self locking winch, divided wheel weight container and storage compartment for the cone and shaft assembly. Complete instructions are furnished with each balancer. (See Page 6, Section E for Operation Details.)

Kent-Moore Truck Wheel Balancer Weights are recommended for use with the KMO 635, Truck Wheel Balancer. Be sure to order a supply of wheel weights with your balancer.

*Shipping Weight 100 lbs.*



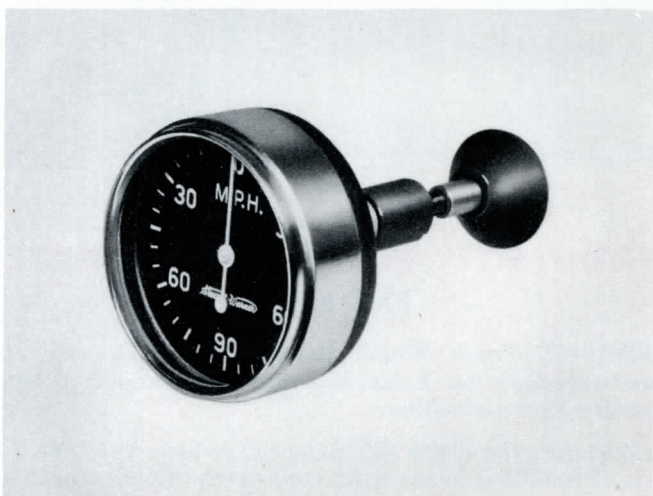
**ACCESSORY BALANCING UNIT****KMO 714**

KMO 714, Accessory Balancing Unit, is identical with the balancing unit used in the J 5075, Wheel Balancer, for light truck and passenger car wheel balancing.

It can be interchanged with the larger balancing unit supplied with the KMO 635, Truck Wheel Balancer, and is available separately for adapting the Truck Wheel Balancer to passenger car and light truck wheel balancing operations.

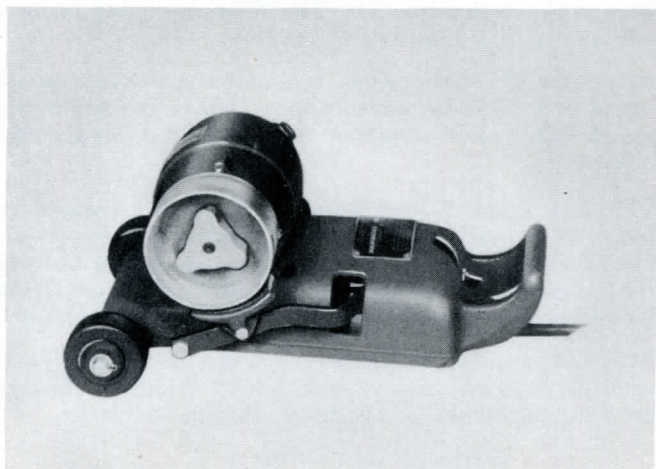
Dealers desiring wheel balancing facilities for truck, coach, light truck and passenger car wheel assemblies should order KMO 714 Accessory Balancing Unit in addition to KMO 635 Truck Wheel Balancer.

*Shipping Weight 3 lbs.*

**PORTABLE SPEED INDICATOR****KMO 677**

KMO 677 Portable Speed Indicator is used in conjunction with KMO 676, Wheel Spinner, to determine speed at which maximum wheel vibration occurs. The unit is placed against the hub cap of a spinning wheel and the speed in M.P.H. is indicated. Dial is calibrated clockwise and counter-clockwise.

*Weight 1 lb.*

**WHEEL SPINNER****KMO 676**

KMO 676 Wheel Spinner should be used prior to every balancing job to demonstrate out-of-balance conditions of wheels on the car. When used with KMO 677 Portable Speed Indicator, the speed at which maximum vibration occurs can be determined. Wheel Spinner should also be used after balancing to prove that out-of-balance condition has been corrected.

KMO 676 Wheel Spinner is of latest design, ruggedly constructed and incorporates a convenient quick stopping brake mechanism.

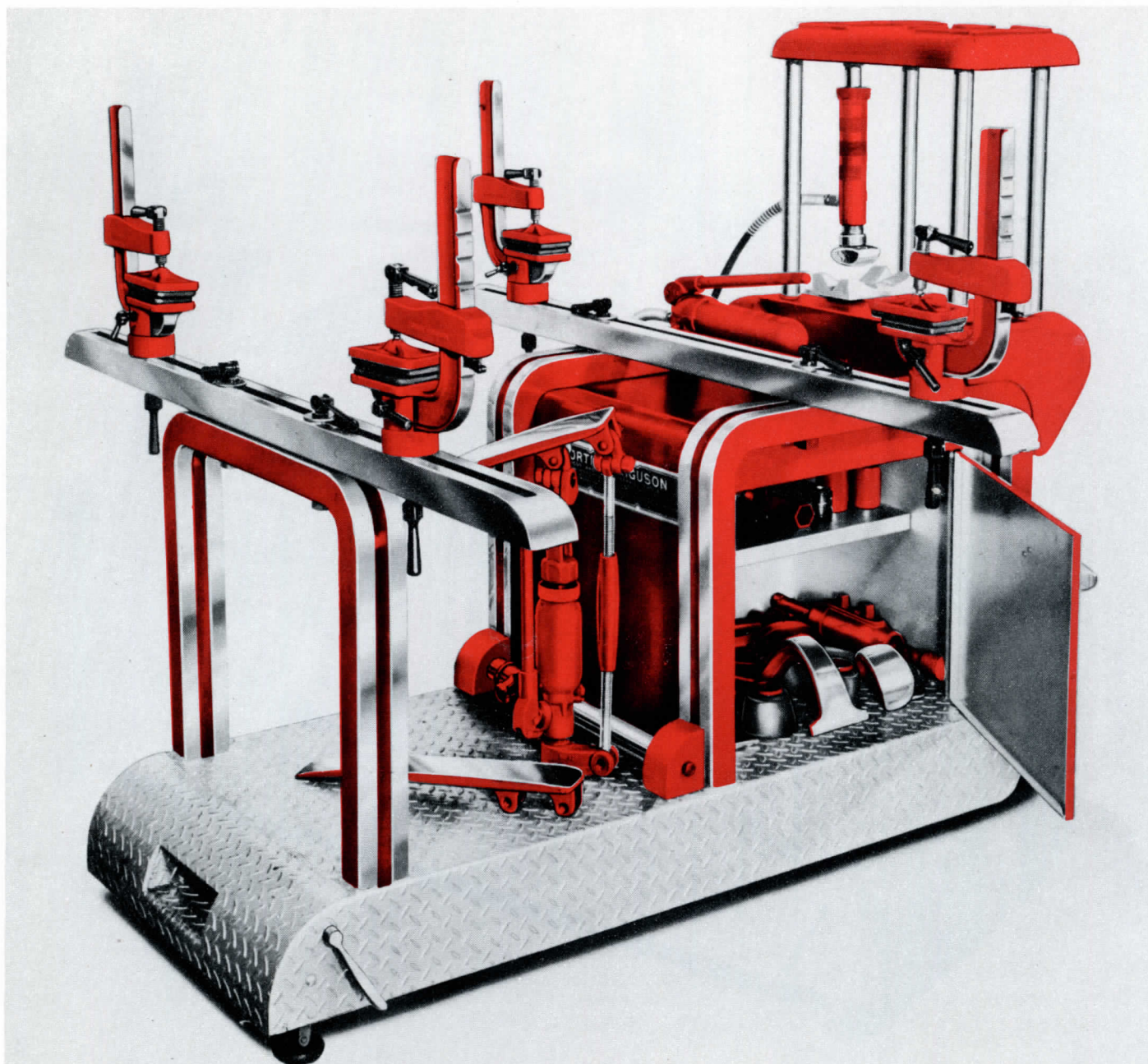
High Speed Motor is self-cooling type, 110 Volt, A.C., 60 cycle, single phase and develops 5/8 to 1 H.P.

*Weight 30 lbs.*

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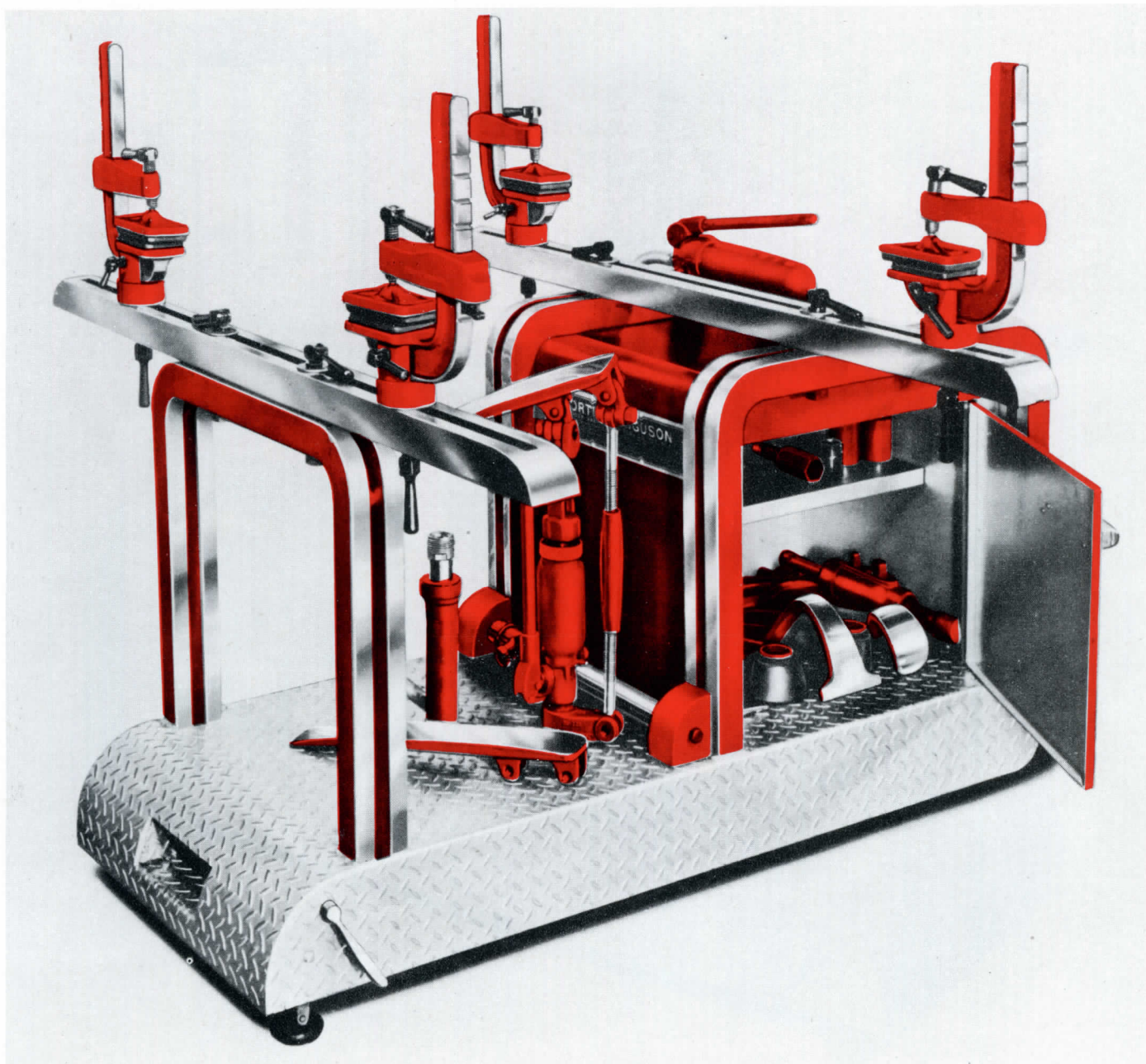
## MASTER BODY REPAIR UNIT

### KMO 507

Porter Ferguson "Hydro-Method" Body Repair Units have been designed so that the smallest unit can be converted into any of the larger units by simply adding to it. You can select the proper "Hydro-Method" unit for your present requirements and later add to it as your business expands.

The largest of the "Hydro-Method" line is this rugged Master Unit, KMO 507. The Master Unit includes a double door bar assembly, rocker spoon assembly, set of tubing, twelve power tools, two all-position hydraulic jacks (one 7½-ton remote control and one 5-ton direct action), jack base, large and small rubber base, length adjuster, and one shop press complete with accessories.





### STANDARD BODY REPAIR UNIT

KMO 507-A

This unit is similar to the Master Unit, described on the previous page, and includes all the features but the shop press. It is intended for a

shop not doing press work. The Standard Unit can readily be converted into the Master by simply adding the shop press.

**KENT-MOORE ORGANIZATION INC.**

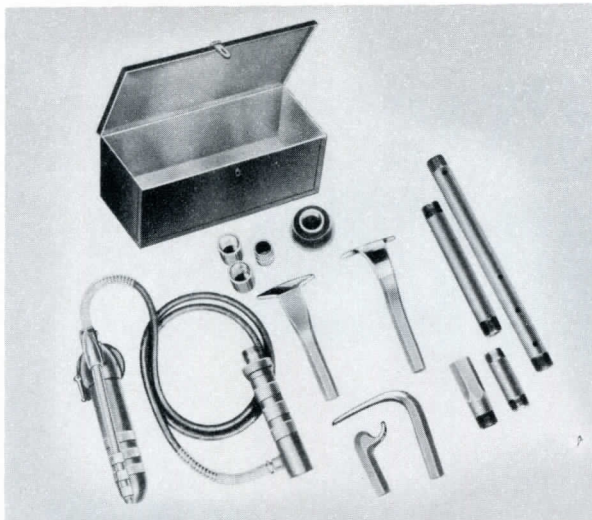
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**BODY REPAIR UNIT****KMO 507-B**

The KMO 507-B Unit is designed for the shop doing minor body and fender repair. The sturdy, streamlined appearance of the cabinet makes it a worthy addition to any service department, and the tools will appeal strongly to anyone who appreciates practical design combined with highest quality workmanship.

The equipment consists of a tool cabinet, a shop press (not illustrated), rocker spoon assembly, set of tubing, twelve power tools, 5-ton direct-action jack, hydraulic jack base, large and small rubber base, length adjuster, pull arm guide, long and short push-pull toe, ram base plug, and two offset spreading tools.

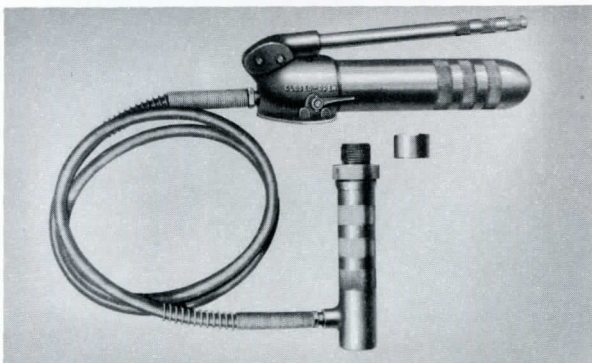




### HYDRAULIC BODY REPAIR UNIT

#### KMO 507-C

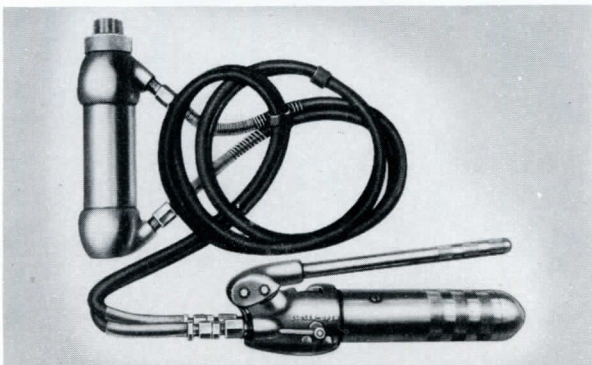
Smallest of the "Hydro-Method" Units, the KMO 507-C is the ideal equipment for a department doing only simple body and fender repairs. Neat and compact, the unit can be easily placed wherever convenient. All parts are of rugged construction and are built to give years of satisfactory service. This unit comprises a 7½-ton remote control jack, set of tubing, large rubber base, three power spoons and a fender hook and hex adapter.



### HYDRAULIC REMOTE CONTROL JACK—7½-TON

#### KMO 507-4

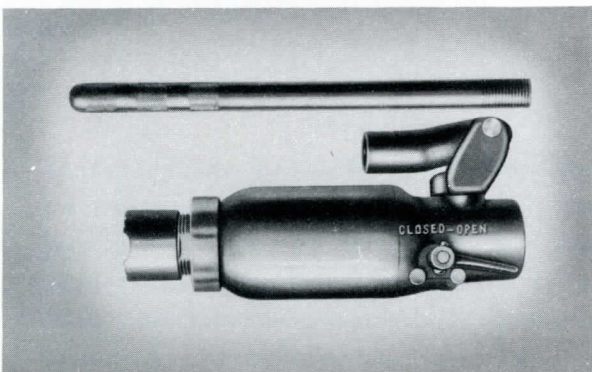
This rugged jack is remote-control, with self-retracting ram. Like all "Hydro-Method" Jacks, it operates in any position. An easy-to-get-at lever controls the valve. Exceptionally fast in operation.



### HYDRAULIC REMOTE CONTROL JACK—10-TON

#### KMO 508

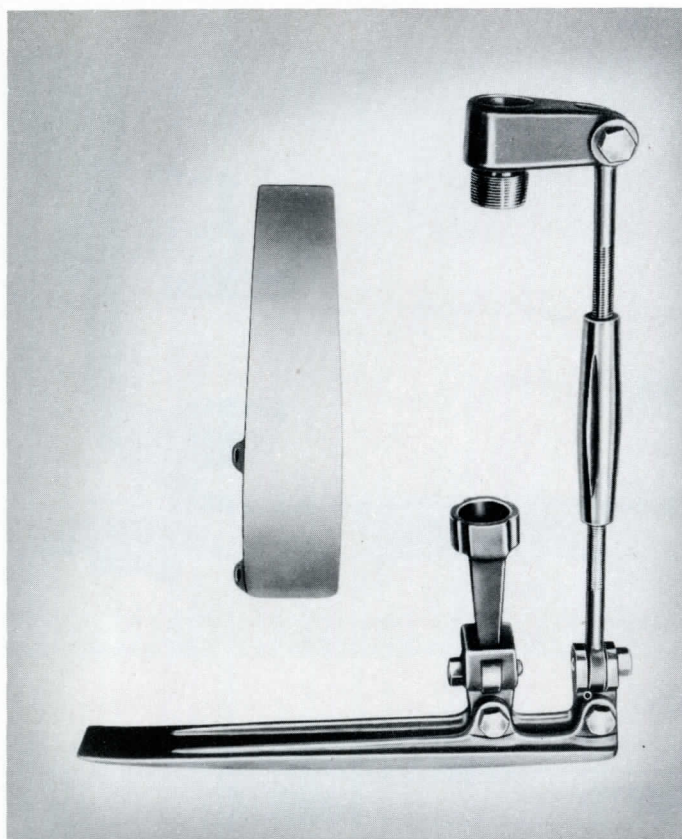
Featuring the advantages of both push and pull, this powerful jack is the ultimate in hydraulic equipment. The three-way valve is controlled by a convenient lever. The jack is all-position, with a self-retracting ram.



### HYDRAULIC ALL-POSITION JACK—5-TON

#### KMO 507-3

Light-weight, compact and easy to handle, this high-speed 5-ton "Hydro-Method" Jack is direct-action, and operates in any position. The ram is self-retracting and the valve is controlled by a simple lever. The pump handle can be turned to any convenient position.

**ROCKER ACTION UNIT****KMO 507-2**

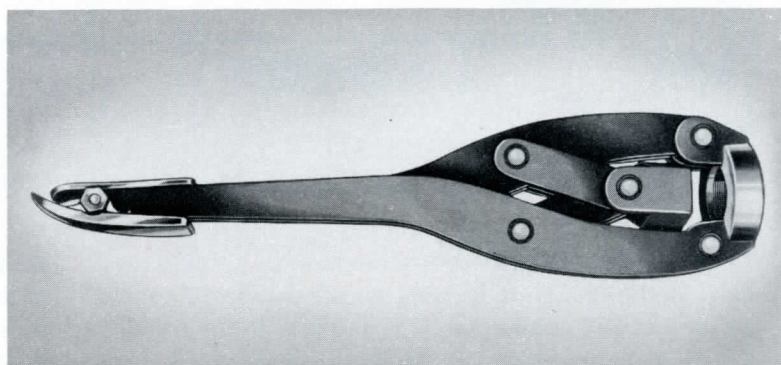
An exclusive "Hydro-Method" invention, the universal rocker action spoon assembly is of unique design, permitting its use behind inner construction and in other places that are otherwise inaccessible. Unlike any other device, when once positioned the universal wrist-like action causes it to adjust itself to all contours. An 18" and a 13" spoon are regularly supplied. This unit fits all standard jack equipment.

**LEVERAGE DOLLY****KMO 510**

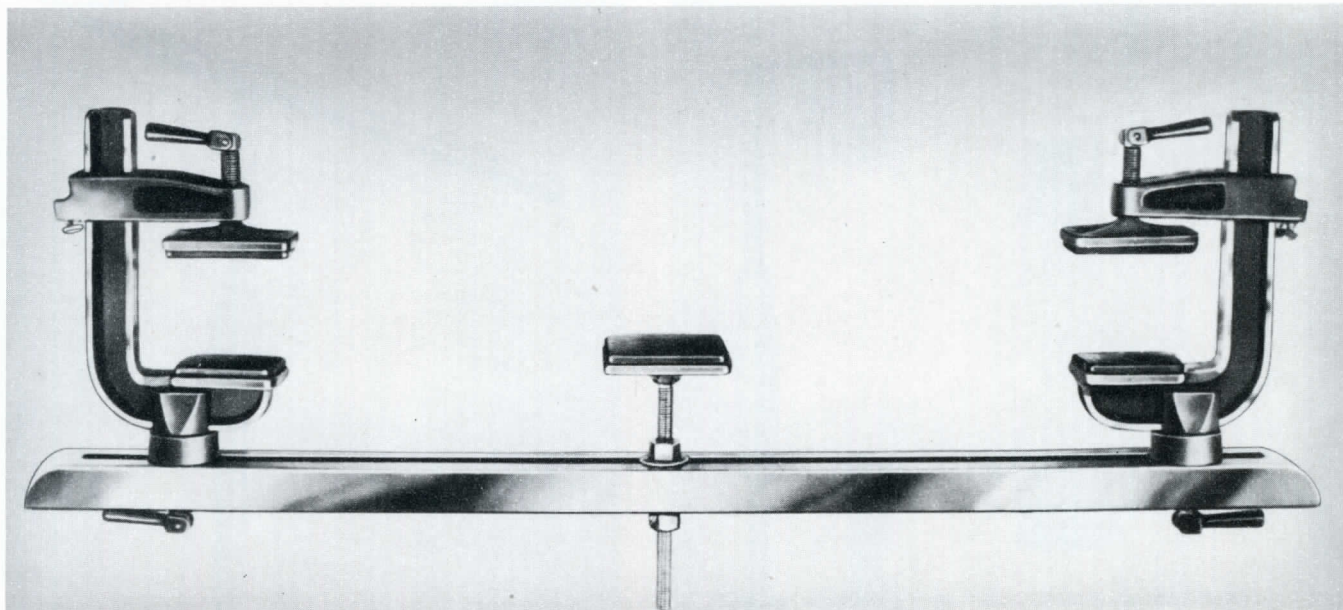
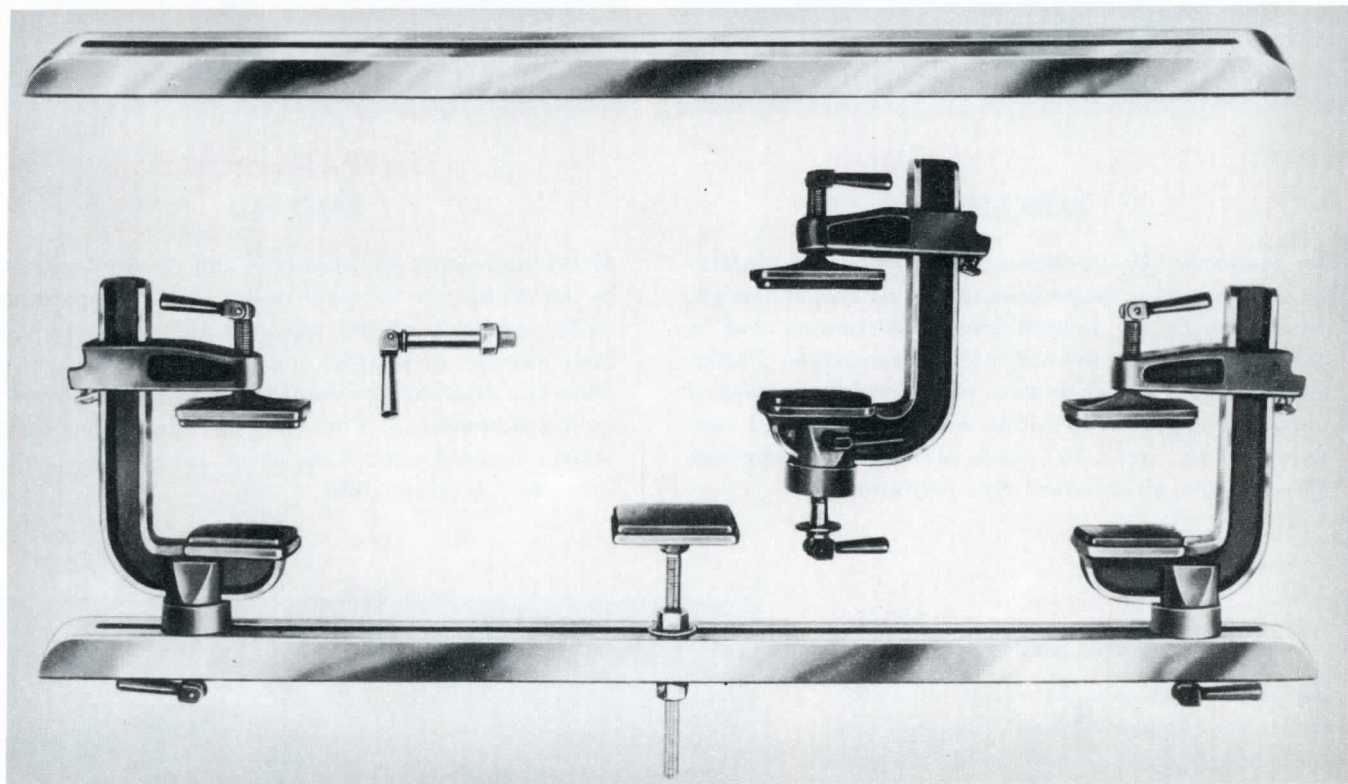
Metal top repairs are improved and greatly facilitated by use of this new leverage dolly, which can be placed under any part of the top. A rubber base prevents floor damage or slipping, and a long swivel arm enables the mechanic to control the dolly for direct or spring hammering. The unit includes a length adjuster, assorted extensions, large rubber base, and a low crown leverage dolly.

**SPREADER****KMO 509**

An almost indispensable piece of equipment, the "Hydro-Method" Spreader features toggle linkage and great strength. Small and compact enough to get into the closest places, (closes to 1½") it has a powerful 16" spread and is invaluable for forcing out large concave areas. A hinged dolly allows it to follow contours and permits direct hammering.





**SINGLE DOOR BAR STRAIGHTENER—KMO 507-1A****DOUBLE DOOR BAR STRAIGHTENER—KMO 507-1**

These "Hydro-Method" door straighteners provide the ideal method for straightening sprung doors while still on the car, and to align them perfectly with the frame. The entire operation is simple to perform, being

accomplished in a matter of minutes. Contours may be increased or decreased. Car finish is protected by removable rubber pads on all parts contacting the door.



## MASTER HAND BUMPING TOOL SET

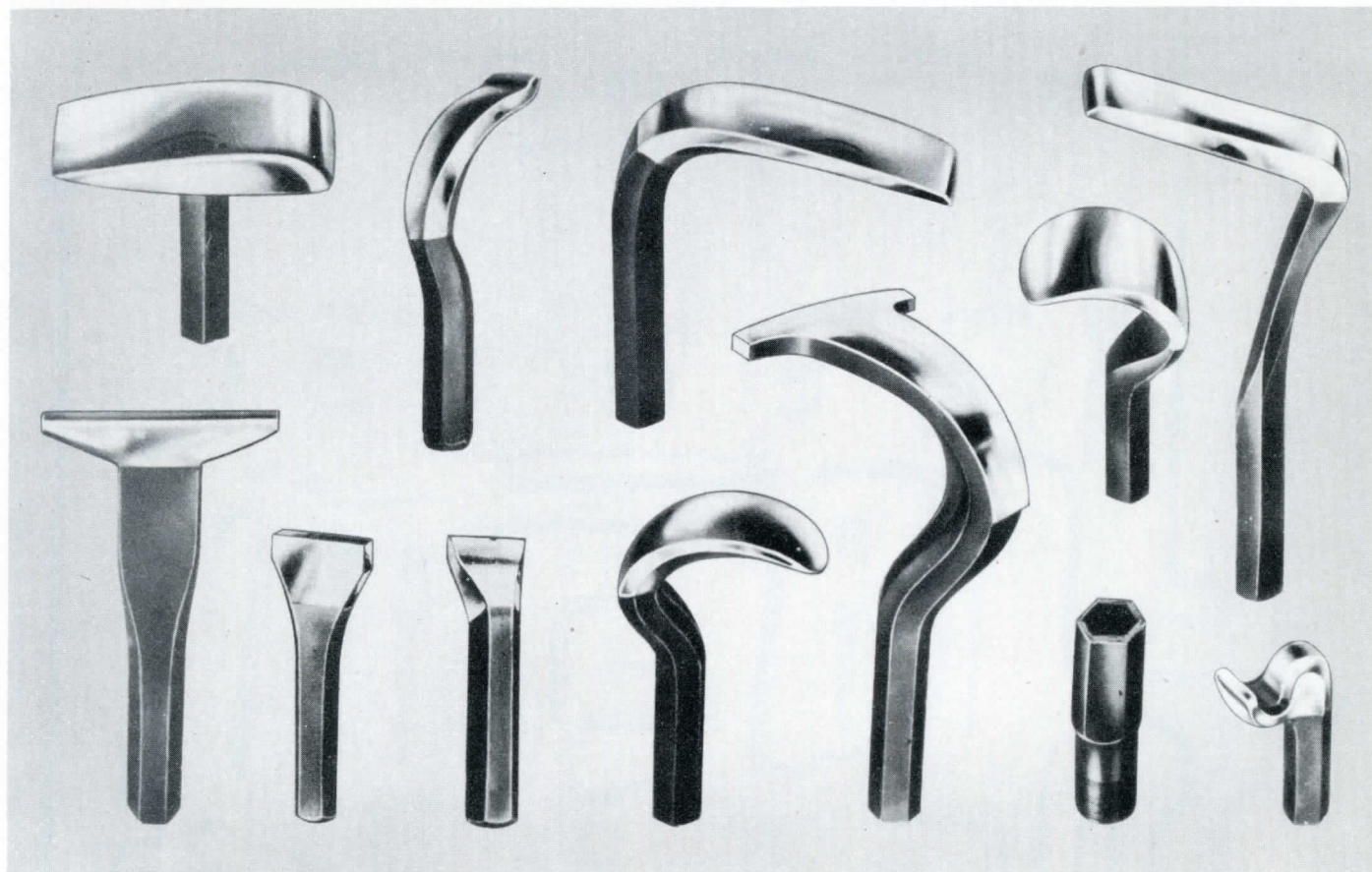
### KMO 511

The fifty-three tools which go to make up the Master Set will equip the service department with hand tools for performing all major and minor body and fender repairs. The set is composed of hammers, dolly blocks, finishing spoons, pick tools, and twelve power tools usable either with a body jack or manually. (The twelve power tools are grouped in the bottom row of the illustration.) This is the most complete set available, and offers a great many exclusive features. All tools are made from the best quality metal obtainable, and are of the finest workmanship. All working faces are precision ground to assure absolute conformation to the latest styles in body and fender contours.

#### KMO 511 CONSISTS OF:

12 POWER TOOLS • 8 PICK TOOLS • 10 BODY HAMMERS • 1 ROUGHING OUT HAMMER • 1 TRIM HAMMER • 1 LIGNUM VITAE Mallet • 3 SURFACING SPOONS • 5 BODY AND FENDER SPOONS • 6 DOLLY BLOCKS • 1 CAULKING TOOL • 1 FENDER BEADING TOOL • 1 ADJUSTABLE FILE HOLDER • 1 SOLDER PADDLE • 1 PR. DRIP MOULDING PLIERS • 1 TELESCOPING CHECKING TRAM GAUGE.



**POWER  
TOOL  
SET****KMO 507-5**

No body and fender tools have proved more popular than the twelve Power Tools illustrated here. When used with the body jacks they are indispensable in operations involving special shapes and contours. Wherever necessary they have been designed to fit over or behind inner construction and other obstacles. In addition to making many difficult repairs comparatively easy, their use results in a better finished job.

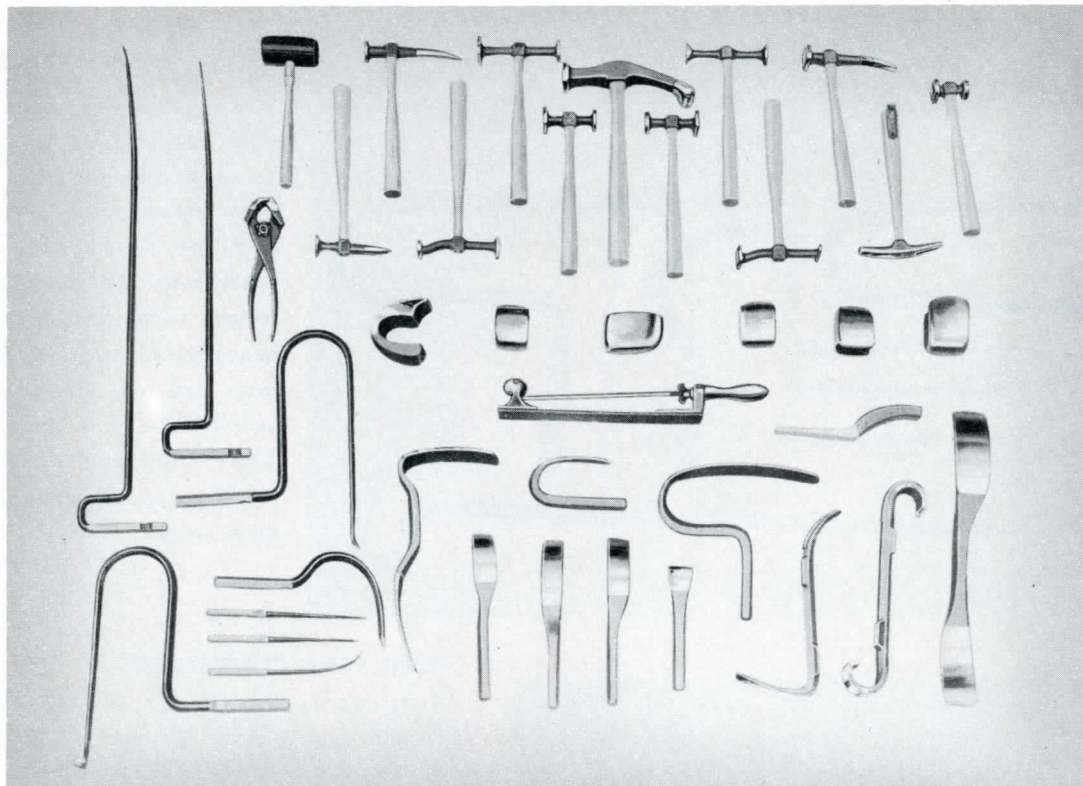
These tools have a number of different applications such as repairing damaged quarter panels, top rail panels, doors, narrow cowls, drip mouldings, metal tops, center pillars, corner and header panels and dozens of other detail operations.

The Power Tools are made from the highest quality metal, and all working faces are precision ground for accuracy. While best performance is assured when used in conjunction with the "Hydro-Method" Self-Retracting, All-Position Jacks, they are also designed to give excellent service with all standard hydraulic equipment, or they can be used manually.

**KMO 507-5 CONSISTS OF:** 11 POWER TOOLS • 1 BODY JACK ADAPTER.

**KENT-MOORE ORGANIZATION INC.**

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### MECHANIC'S HAND BUMPING TOOL SET

#### KMO 511-A

Designed especially for the Master Body Mechanic who prides himself on his equipment, this set provides the 40 hand tools essential for performing fine body and fender repair. The set includes many tools exclusive to the line. Only the highest quality materials and workmanship have gone into these tools, and all working faces are precision ground for utmost accuracy. This set will give many years of excellent service and complete satisfaction.

#### KMO 511-A CONSISTS OF:

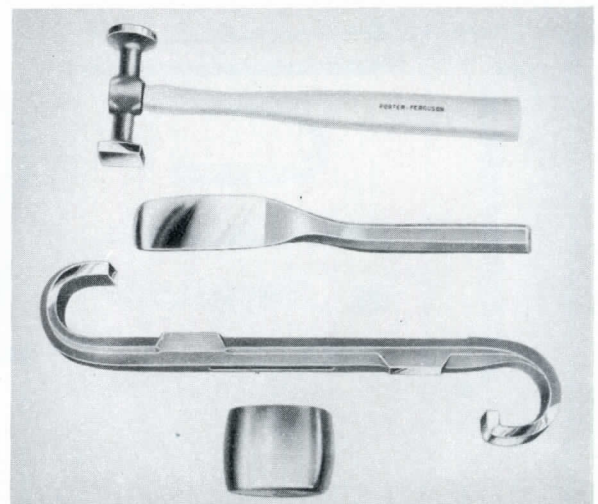
8 PICK TOOLS • 6 DOLLY BLOCKS • 10 BODY HAMMERS • 1 ROUGHING OUT HAMMER • 1 TRIM HAMMER • 1 LIGNUM VITAE MALLET • 3 SURFACING SPOONS • 1 SOLDER PADDLE • 1 FENDER BEADING TOOL • 5 BODY AND FENDER SPOONS • 1 CAULKING TOOL • 1 ADJUSTABLE FILE HOLDER • 1 PAIR DRIP MOULDING PLIERS.

### HAND BUMPING TOOL SET

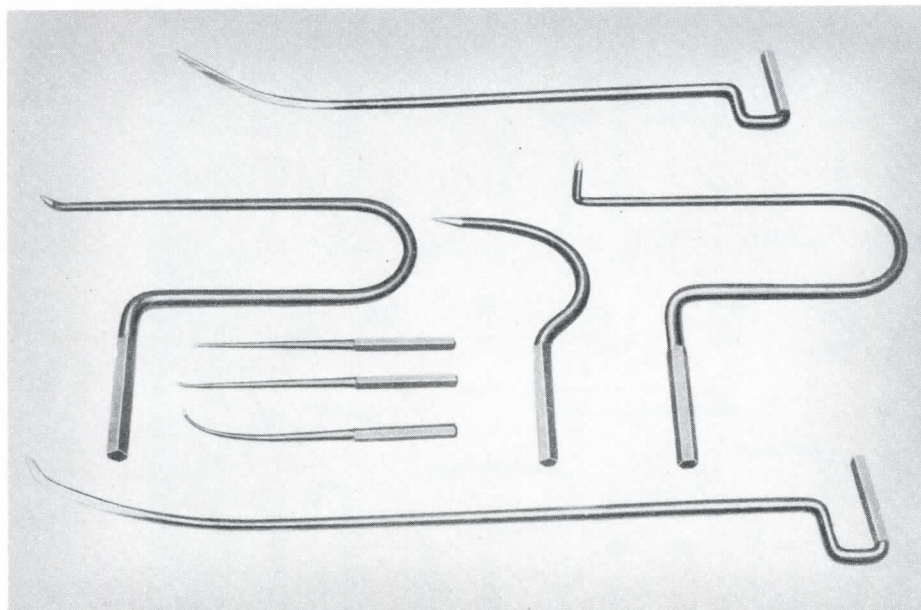
#### KMO 511-C

KMO 511-C provides the ideal set for the beginner just learning the business, or for the department making occasional minor fender repairs. Although only a small set, the tools which compose it are of the same high quality and excellent workmanship found in all this equipment. The set furnishes all the tools necessary for familiarizing the beginner with simple fender repairs.

**KMO 511-C CONSISTS OF:** 1 BUMPING HAMMER • 1 FENDER BEADING TOOL • 1 SURFACING SPOON • 1 HIGH CROWN DOLLY

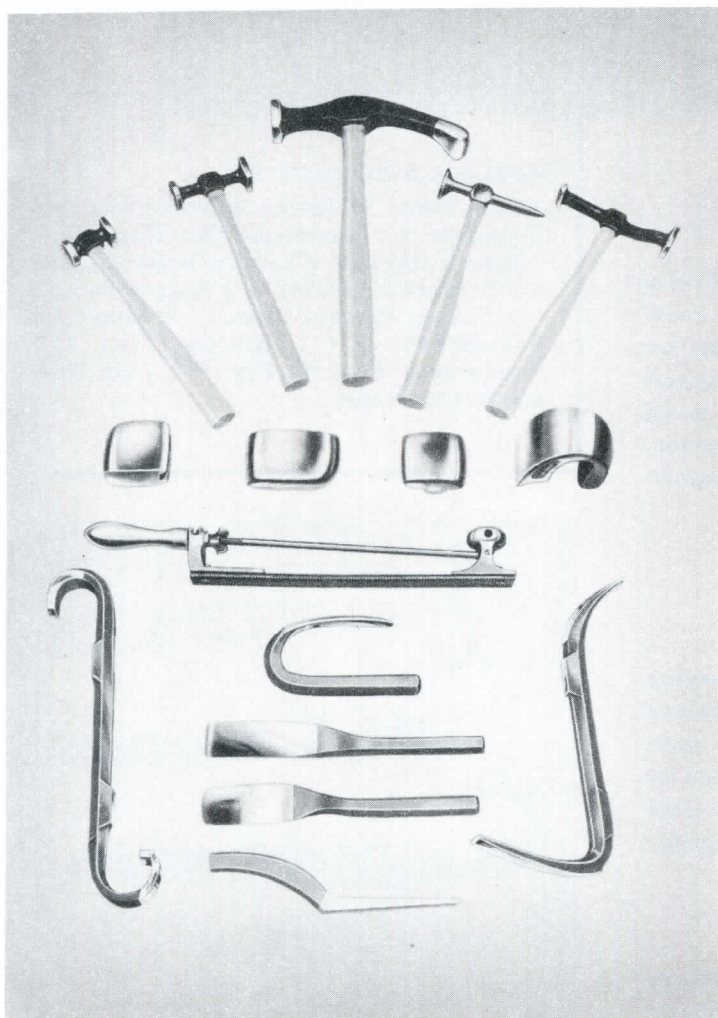






### PICK TOOL SET KMO 511-D

The function of these tools is to raise all small low spots. Their novel design permits use behind inner construction, the top rail, inside the door panels and other places normally inaccessible. Hand-forged with utmost accuracy, and heat-treated, they are high quality tools and will give many years of excellent service and satisfaction. These tools are indispensable for the shop specializing in high-class body work.



### KMO 511-D CONSISTS OF:

1 SHORT CURVED PICK • 1 LONG CURVED PICK  
• 1 STRAIGHT DEEP THROAT PICK • 1 CURVED  
DEEP THROAT PICK • 1 RAIL PICK • 1 STRAIGHT  
FINISHING PUNCH • 1 CURVED FINISHING PUNCH  
• 1 HOOKED FINISHING PUNCH

### FENDER BUMPING TOOL SET KMO 511-B

This set is intended especially for fender and minor body repairs and will meet almost all requirements for this type of work. The tools are of best quality material, hammers are accurately balanced, and the working faces of all dolly blocks and spoons are precision ground to conform with late style high-crown fenders. Many years of service and satisfaction are built into this set.

### KMO 511-B CONSISTS OF:

4 BUMPING HAMMERS • 1 ROUGHING OUT HAM-  
MER • 4 DOLLY BLOCKS • 1 ADJUSTABLE FILE  
HOLDER • 1 FENDER BEADING TOOL • 4 BODY  
SPOONS • 1 SOLDER PADDLE • 1 Mallet (Not  
Shown)

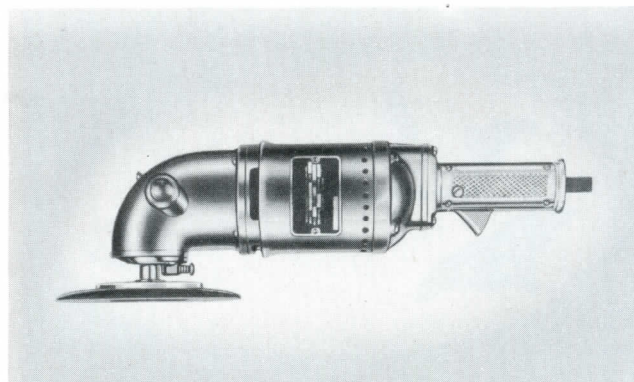


**TWO-SPEED SANDER AND POLISHER****KMO 675-7"**

KMO 675 operates at high speed for sanding or low speed for polishing operations. Features a universal AC-DC motor, detachable side handle for right or left hand operation and spindle lock. Standard equipment includes: 7" moulded rubber pad, three 7" assorted sanding discs, No. 416 lambs' wool bonnet and 3-conductor cord with plug.

**Specifications**

High Speed .....	4200 R.P.M.
Low Speed .....	1400 R.P.M.
Length (less pad) .....	17 inches
Net Weight .....	12½ lbs.

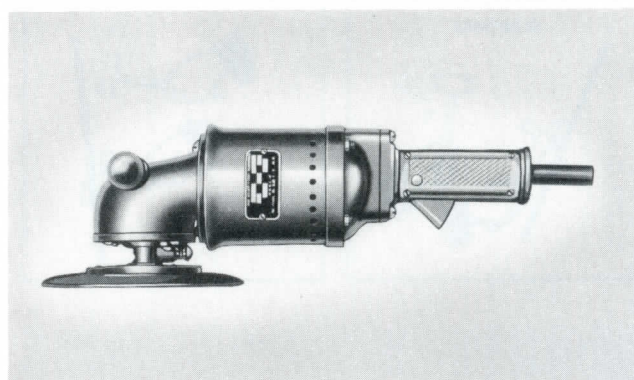
**ELECTRIC SANDER****KMO 680-7"**

KMO 680, 7" Electric Sander features a universal AC-DC motor, detachable side handle for right or left hand operation and spindle lock. Standard equipment includes: 7" moulded rubber pad, three 7" assorted sanding discs, No. 416 lambs' wool bonnet and 3-conductor cord and plug.

**Specifications**

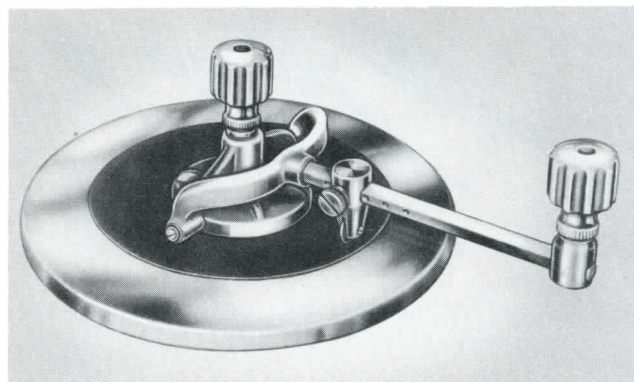
Speed .....	4200 R.P.M.
Length (less pad) .....	16 inches
Net Weight .....	11 lbs.

Universal AC-DC, 115 Volt Motor

**SANDING DISC CUTTER****KMO 411**

For trimming, sanding and grinding discs to smaller diameters as outer surfaces wear and become ineffective. Cuts 9", 8", 7", 6" and 5" diameters. Heavy steel base, fixed center, ample cutting leverage and hardened steel cutting wheel. Cutter has red plastic handles.

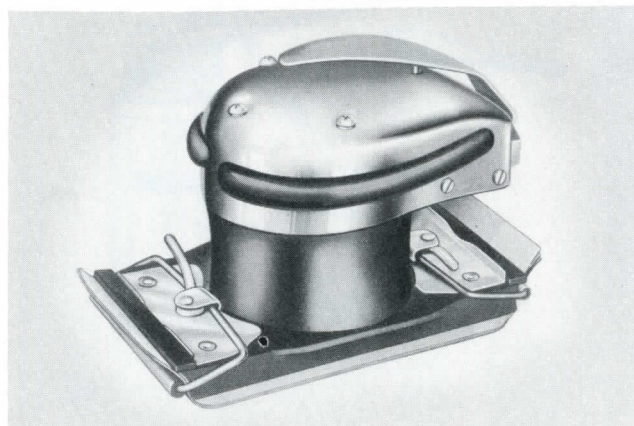
Weight 5 lbs.

**AIR SANDER****KMO 615**

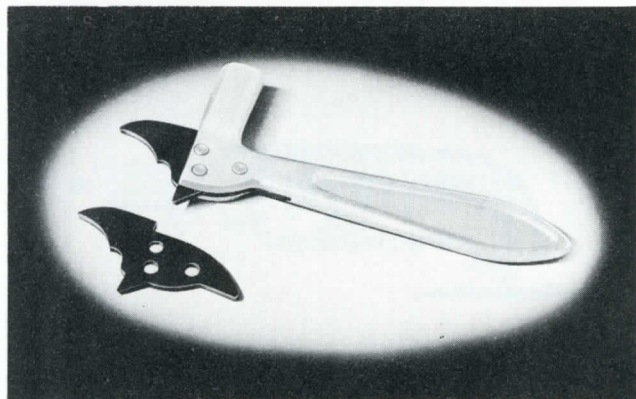
Small, compact and very light in weight, the KMO 615 Air Sander fits the hand comfortably for positive control during wet or dry sanding operations. The sanding pad travels in a circular motion at 5000 cycles per minute and will not stall from heavy pressure.

Unit has only one moving part. Bearings are pre-lubricated and factory sealed. Mechanism is completely sealed in oil resistant, synthetic rubber housing. Required minimum of 6½ C.F.M. at 50 lbs.

Weight 3½ lbs.







### METAL CUTTER KMO 671

The KMO 671 Metal Cutter is designed to turn the metal off in a ribbon, cutting clean even edges, free from jags and distortion.

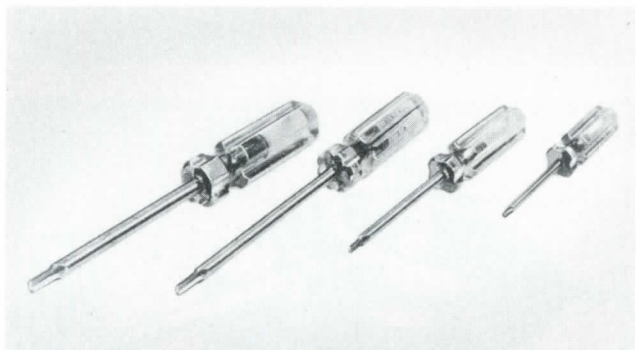
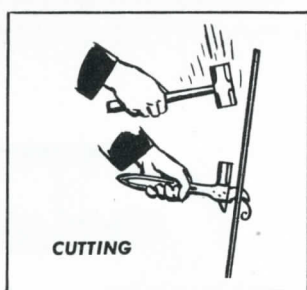
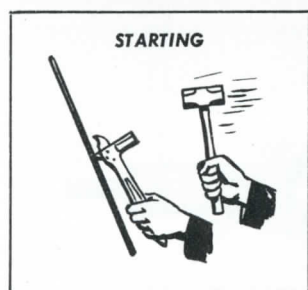
The tool blade has two cutting surfaces, the larger for light and medium gauge metals, the smaller for heavy gauge metals. Any shape of cut can be made quickly and easily.

The tough steel blades can be replaced by simply driving out the three pins, removing the old blade and installing a new one.

The nickel plated handle is of forged heat treated spring steel.

Each KMO 671 Metal Cutter is furnished with one extra cutting blade. Additional blades are available separately—see price list.

*Overall Length 10 inches—Weight 1 lb.*



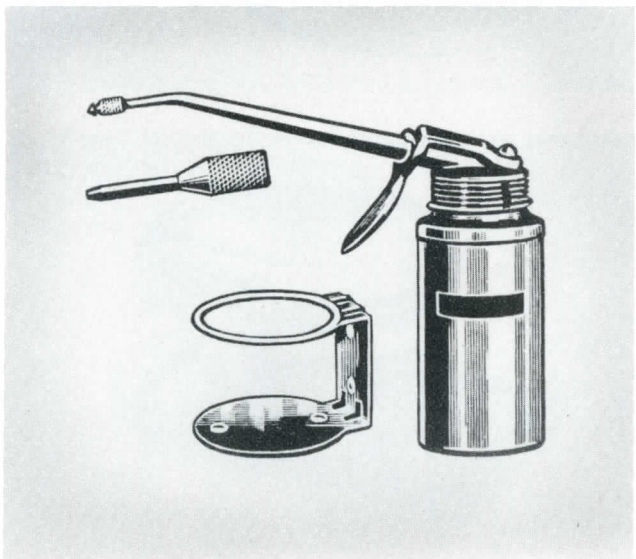
### CLUTCH HEAD SCREWDRIVER SET KMO 449-A

KMO 449-A is a set of four Clutch Head Screwdrivers designed to fit 5/16", 1/4", 5/32" and 1/8" Clutch head screws.

These special screwdrivers assure a positive grip, and eliminate slipping and damage to the screw and adjacent surfaces.

Drivers have sure-grip plastic handles and tempered steel shafts.

*Weight 1 1/4 lbs.*



### BODY CEMENT GUN B 182-A

This force feed gun is recommended for the application of all types of lighter cements used in body work. The extra nozzle can be used when applying heavier viscosity cements such as windshield sealer.

The gun is easy to take apart for cleaning purposes. It is furnished as illustrated, with wall bracket and extra nozzle.

Capacity ..... 6 oz.

Finish ..... Nickel Plated

Weight ..... 1 1/4 lbs.

**DUSTING GUN****KMO 1144-A**

A handy pistol grip tool for dusting surfaces and blowing dirt from paint-work before finishing. It can also be used for cleaning carburetors, removing dust after sanding or rubbing operations, cleaning parts, and for many other jobs.

*Weight 1 lb.*

**SPRAY MASKING RINGS****KMO 279**

The use of spray masking rings in a wheel-painting operation means a saving in time, labor and material. The rings help the painter to do a better job, quickly and neatly. Approximately twenty minutes can be saved on each set of five wheels painted. Circumference 72".

It is recommended that a set of either five or ten rings be purchased, to make it possible to paint one or both sides of a complete set of five wheels without the necessity of stopping to interchange rings.

*Weight ½ lb. each*





**"JIFFY-VAC"****KMO 433**

This vacuum cleaner has many outstanding advantages. It is equipped with an extra-large centrifugal fan mechanism, a powerful 115 volt motor, and a filter bag of generous capacity. The linear air velocity at the nozzle is 4 to 5 m.p.h. and the machine handles 200 cubic feet of air per minute.

Sturdy and compact, the "Jiffy-Vac" takes up very little space and can be wheeled easily into place on the rubber casters. Finished in Chinese red and white baked enamel.

**WEIGHTS AND DIMENSIONS**

Height .....	30"
Width .....	17"
Dust arrester diam. ....	15"
Depth .....	16"
Weight (net) .....	75 lbs.
Shipping weight .....	100 lbs.
Hose I. D. ....	2"
Capacity (ft./min.) .....	200

**Features:**

1. Motor and working parts protected from dirt and dust. Stones will not hurt the machine.
2. Dirt is whirled by centrifugal force, drops to bottom of arrester.
3. Large dirt capacity—dumping seldom necessary.
4. Extended caster brackets eliminate tipping tendencies. Can be towed by the hose or pushed by hand.
5. Long rubber-covered cord easily coiled when not in use and hung on bracket supplied.
6. Aluminum head locks or detaches quickly—prevents any air leakage.
7. Large hose allows passage of big pieces of refuse without plugging.
8. Hose cleans with or without use of brush. Goes easily into upholstery crevices.

**Specifications**

**MOTOR:** 115 volt, Universal 0/60 cycle, AC or DC, usable on any 115 volt outlet. Other voltages available on order. Switch located on machine. Jerking cord will not damage motor. Supplied with 30 ft. of three-wire cord and an unbreakable rubber plug.

**SUCTION HEAD ASSEMBLY:** Large capacity fan mounted on motor shaft. All parts form one compact, trouble-free assembly, clamped to edge of arrester. Aluminum head does not warp, allows no leaking at the joint.

**DUST ARRESTER:** Built of car body stock, reinforced, finished in attractive red crystal. Four extended caster brackets, with 3" rubber casters.

**ATTACHMENTS:** Ten feet of flexible vacuum hose with polished cast aluminum attachment and a quickly removable brush for upholstery or car floor cleaning.

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN

## BRAKE DRUM LATHE KMO 691

This precision built, three speed Brake Drum Lathe is designed especially to meet the Automobile Dealer's specific requirements for a reliable accurate brake drum truing machine. KMO 691 Brake Drum Lathe includes the necessary attachments to handle all passenger car brake drums up to a capacity of 17 $\frac{1}{4}$ " in diameter x 5" wide. The lathe can also be made applicable to single and dual truck wheel brake drums up to 1 $\frac{1}{2}$ -ton truck capacity, with the addition of KMO 637 Truck Brake Drum attachments.

Some of the more outstanding features of KMO 691 Brake Drum Lathe are:

**WORK SPINDLE**—Hollow, precision ground. Accommodates drums riveted to axle shaft.

**MAIN BEARINGS**—Adjustable, for taking up wear. Made of finest bearing bronze.

**TOOL BAR**—Heavy and rigid 1 $\frac{5}{8}$ " diameter.

**TOOL COMPOUND**—Swivel type, adjustable to various working angles.

**CROSS SLIDE**—Dovetailed ways type. Equipped with gib for taking up wear.

**MICROMETER DIAL**—On cross-feed screw. Calibrated to .001".

**CARRIAGE**—Heavily constructed. Travels on dovetailed ways with gib for taking up wear.

**OPERATING CONTROLS**—All controls are centrally located within easy reach and full view of operation.

**FEED CLUTCH**—Quick acting, shifts instantly. Eliminates shutting down to engage or disengage feed.

**CARRIAGE FEED**—Controlled manually with crank to permit rapid and accurate adjustments.

**POWER TRANSMISSION**—Three-step "V" type pulley provides three spindle speeds for large, medium or small drums. Belt and pulleys are well guarded.



**SPECIFICATIONS**— $\frac{1}{2}$  H.P., 110-220 Volt, 50-60 Cycle, single phase, high torque repulsion — induction type motor. Spindle speeds of 46, 92 and 162 R.P.M. Length 34", Width 30", Height 36 $\frac{1}{4}$ ".

*Shipping Weight 420 lbs.*

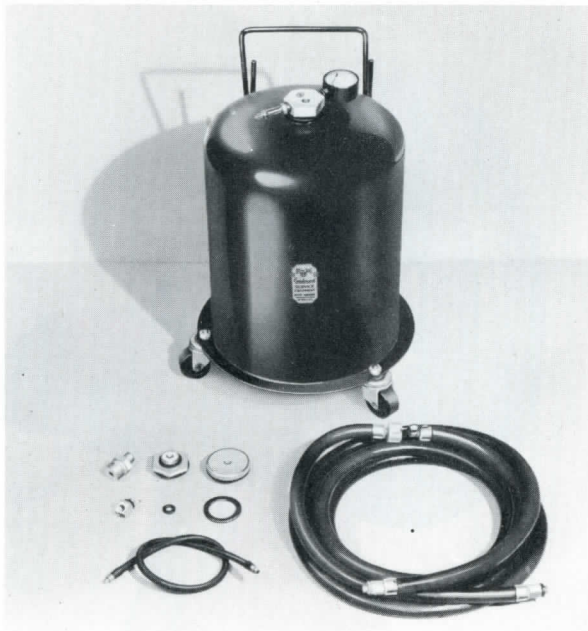
## BRAKE DRUM LATHE ATTACHMENTS FOR TRUCKS KMO 637

KMO 637 Brake Drum Lathe Attachments are available for adapting the KMO 961, Brake Drum Lathe to handle single and dual truck brake drums. With the KMO 637 Attachments, KMO 961 Brake Drum Lathe will resurface drums up to 17 $\frac{1}{4}$ " diameter x 5" in width for trucks not exceeding 1 $\frac{1}{2}$ -ton capacity.

**KMO 637 consists of the following:**

1 — HG 1030	Arbor 1 $\frac{1}{4}$ " Dia.	1 — 4B	Cone 3 $\frac{1}{2}$ "
1 — 4K	Washer	1 — HG 2175	Cone 3 $\frac{3}{4}$ "
1 — 4L	Hex. Arbor Nut	2 — 4N	Cone 4-1/16"
1 — HG 2172	Cone 2"	2 — HG 2177	Reducer Bushings 1 $\frac{1}{4}$ " I.D.-2" O.D.
1 — HG 2173	Cone 2 $\frac{1}{2}$ "	1 — HG 2178A	Spacer 1"
1 — HG 2174	Cone 2-13/16"	1 — HG 2178B	Spacer 1 $\frac{1}{2}$ "
1 — Y 147-9A	Cone 3 $\frac{3}{8}$ "	1 — HG 2178C	Spacer 3"



**HYDRAULIC BRAKE BLEEDER TANK****J 5037**

This Pressure Bleeder Tank greatly reduces the time required to bleed and refill hydraulic brake systems. The tank automatically refills the system through the master cylinder while the fluid is being drained, and eliminates the necessity of pumping the brake pedal. The Bleeder Tank prevents the entry of air into the brake system. It is simple to use, and requires only one operator.

The J 5037 Hydraulic Brake Bleeder Tank is equipped with a pressure gauge, safety release valve, air intake valve, control valve, brake master cylinder fittings, hose assembly and drain tube. Inside the tank there is an automatic fluid level control which stops the flow of fluid when it becomes too low.

The tank has a fluid capacity of 2½ gallons and is mounted on free turning casters.

*Shipping Weight 10 lbs.*

**"JIFFY"****HYDRAULIC BRAKE BLEEDER  
AND FLUSHER****KMO 575**

This complete servicing unit is designed to pressure bleed, flush and refill hydraulic brake systems, without any waste of fluid. Compact and portable, it requires only one operator. Air pressure is employed to force out the fluid and inject the new, preventing their becoming mixed in the operation. Air pressure is clearly indicated on the pressure gauge and fluid level in the plastic sight tubes on each tank.

The unit is equipped with drain bottle rack, two heavy duty drain hoses, filler hose assembly with valve, five air-tight expanding adapters and rubber-tired wheels.

*Shipping Weight 35 lbs.*



### TUBE FLARING TOOL J 2185

Greater versatility, compactness and precision, make this tool a favorite among flaring tools for producing either the double-lap or single flare on mild steel, aluminum, copper or brass tubing.

Interchangeable die blocks and punches slip in and out of the tool, adapting it to tubing of varying sizes from  $\frac{3}{16}$ " to  $\frac{1}{2}$ ". This feature eliminates the necessity of one tool restricted to one size of tubing only and permits the selection of any one size or combination of sizes suitable to individual requirements.

The J 2185 is a basic unit and provides the necessary parts for flaring one size of tubing; it includes: The Flaring Tool, one finish flare punch, one double hexagon box wrench, choice of any one available size die block and upset flare punch. (See table for selection and specify size when ordering.)

Other sizes of die blocks and punches may be selected and ordered in addition as required.

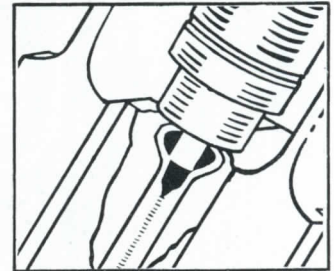
Beading operations can also be performed on tubing using a beading punch in place of the upset flare punch. See table for available beading punches.

*Weight 6 lbs.*

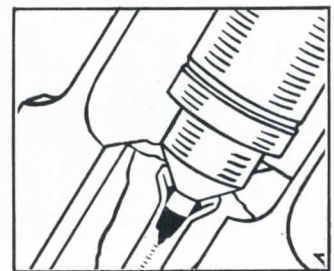
### DEBURRING TOOL J 2185-24

This tool is recommended for use with J 2185 Flaring Tool. It quickly removes both inside and outside burrs left by the cut-off operation.

*Weight 1 lb.*



1. First flare operation

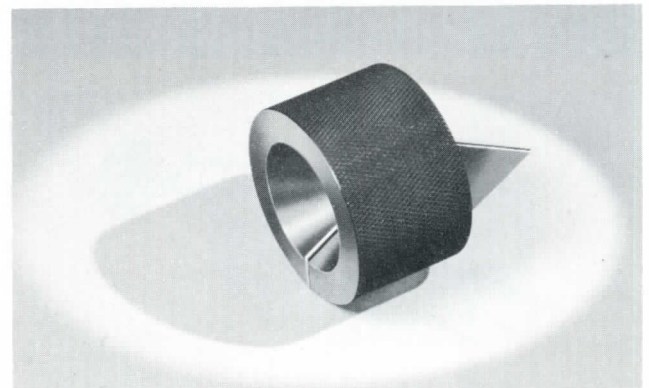


2. Second flare operation completing double lap flare

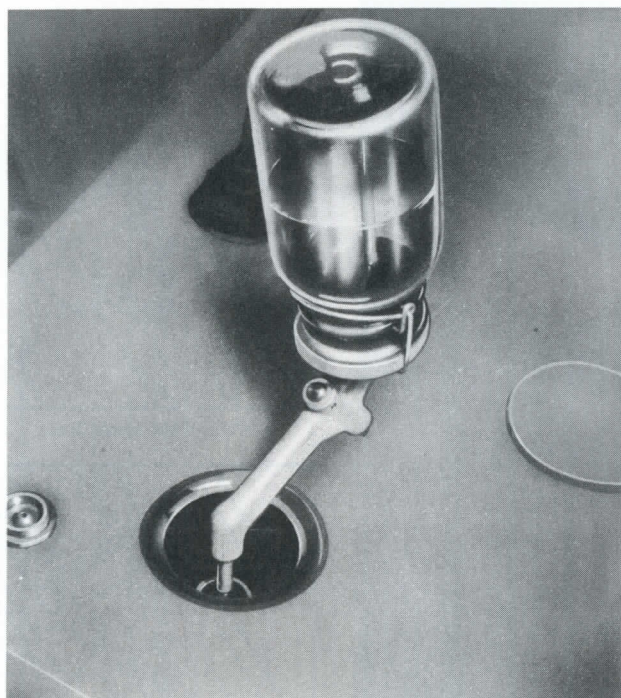
#### AVAILABLE DIE BLOCKS, FLARING AND BEARING PUNCHES FOR 45 DEGREE FLARING

Size—In.	Die Blocks	Upset Flare Punches	Finish Flare Punches	Beading Punches
$\frac{3}{16}$ "	J 2185-27	J 2185-3	J 2185-26	.....
$\frac{1}{4}$ "	J 2185-28	J 2185-37	J 2185-26	J 2185-5
$\frac{5}{16}$ "	J 2185-29	J 2185-4	J 2185-26	J 2185-6
$\frac{3}{8}$ "	J 2185-30	J 2185-38	J 2185-26	J 2185-6
$\frac{1}{2}$ "	J 2185-32	J 2185-8	J 2185-26	J 2185-7

*Completely illustrated Operating Instructions furnished with each tool*





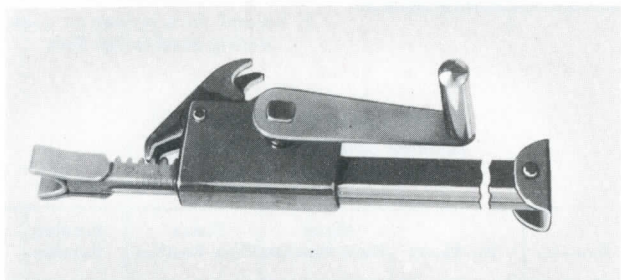


### HYDRAULIC BRAKE MASTER CYLINDER FILLER

**J 713**

This inexpensive filler accelerates the brake bleeding operation by automatically maintaining the fluid at a level high enough to prevent air being drawn into the system. The adapters furnished with the unit are screwed into the master cylinder filler holes. There is a small hole in each adapter through which the feed spout enters the cylinder. A cut-off valve in the spout permits the installation or removal of the filler without loss of fluid.

*Weight 5 lbs.*

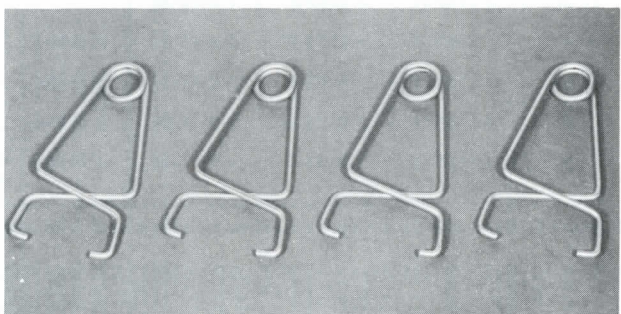


### BRAKE PEDAL DEPRESSOR

**J 134**

A very simple and desirable tool for compressing the brake pedal to any desired position while checking and making brake adjustments.

*Weight 2¼ lbs.*



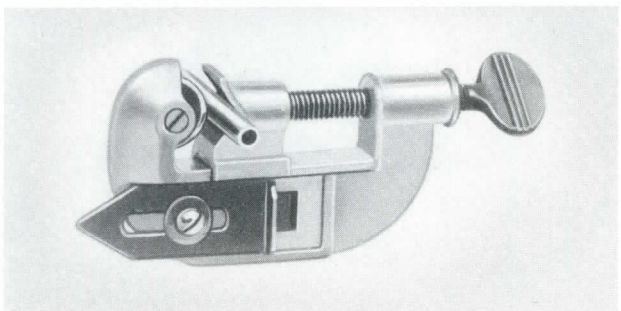
### BRAKE CYLINDER CLAMPS

**(Set of 4)**

**KMO 145**

These clamps are designed to hold the wheel cylinder pistons in place when brake drums and shoes have been removed. Brake pedal should not be depressed while clamps alone are retaining wheel cylinder pistons.

*Weight 2 lbs. per set*



### TUBE CUTTER

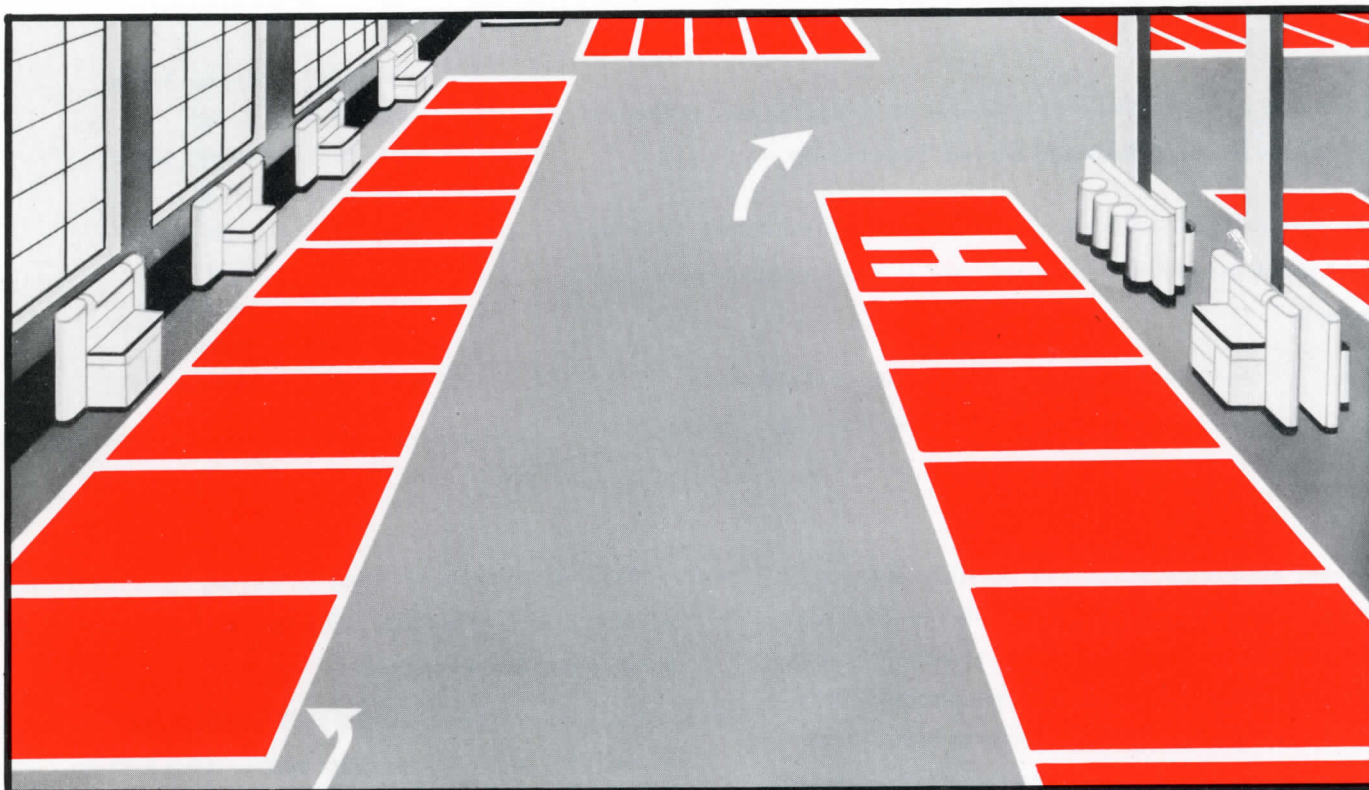
**KMO 3A**

Used for cutting all types of tubing and small pipes such as lubrication piping, fuel lines, vacuum lines, etc., range 1/8" to 3/4" outside diameter.

*Weight 1 lb.*

**KENT-MOORE ORGANIZATION INC.**

GENERAL MOTORS BUILDING • DETROIT 2, MICHIGAN



### **"CRYSTAL FLEX"** **CONCRETE FLOOR PAINT**

#### ***For Concrete Floors, Dado and Equipment***

All concrete floors contain a heavy alkaline content which has a definite tendency to destroy the adhesion and body of ordinary paint by saponification. "Crystal Flex" contains basic ingredients which are unaffected by alkali in concrete, as well as being resistant to alcohol, acids, gasoline and oils.

It is not necessary to treat floors with primers, sealers or de-alkalizing agents before applying "Crystal Flex" paints. Except where the old paint is loose and scaly, "Crystal Flex" paints can be brushed on immediately after the floor has been cleaned with gasoline or naphtha. One gallon covers approximately 500 sq. ft.

*Available in quarts and gallons. Specify when ordering.*

*Shipping Weight per gal. 10 lbs. — Shipping Weight per qt. 3 lbs.*

- KMO 5656 — Tile Red
- KMO 5657 — Tile Green
- KMO 5658 — Ivory White
- KMO 5659 — Battleship Gray
- KMO 5660 — Orange
- KMO 5661 — Clear
- KMO 5662 — Dado Green
- KMO 5663 — Nantucket Green
- KMO 5664 — Chinese Red
- KMO 5665 — Maroon
- KMO 5680 — Brown
- KMO 5681 — Warm Gray
- KMO 5682 — Black
- KMO 5737 — Blue
- KMO 5738 — Striping White
- KMO 5739 — Striping Yellow
- KMO 5740 — Blue Gray



## INTERIOR SEMI-GLOSS ENAMEL

These fine enamels give lasting beauty to the walls and ceilings of your Show Room, Offices and Service Department.

The smooth, hard surface is easy to keep clean and bright. Only the finest pigments and materials are used in the manufacture of these enamels.

*Available in quarts and gallons. Specify when ordering.*

*Shipping Weight per gal. 13 lbs. — Shipping Weight per qt. 3½ lbs.*

KMO 5769 — Oyster White  
KMO 5770 — Cream  
KMO 5776 — Blonde Ivory  
KMO 5777 — White  
KMO 5810 — Light Green  
KMO 5811 — Light Blue  
KMO 5812 — Light Gray  
KMO 5813 — Peach  
KMO 5814 — Blossom Pink

## ALUMINUM PAINTS

No one aluminum paint can possibly give satisfactory results on all types of surfaces. Different surfaces require different types of aluminum paints. Selection of the proper type of aluminum paint is dependent upon physical characteristics of the surface upon which it is to be used and the conditions it will be required to endure.

These three aluminum paints have been specially formulated to give the best results when used according to directions and on the surfaces specified.

KMO 5815 — ALUMINUM ENAMEL — Fast drying, heat resisting enamel gives chrome-like, satin-smooth finish. For coating interiors and heated surfaces.

KMO 5816 — ALUMINUM HOUSE PAINT — Rich in oil, elastic and durable. For priming or painting outside wood surfaces.

KMO 5817 — ALUMINUM METAL AND MASONRY PAINT — Gives hard, protective, waterproof finish. For metal, brick and concrete surfaces.

*Available in quarts and gallons. Specify when ordering.*

The pigment portion of our aluminum paints is Alcoa Albron Paste marketed by Aluminum Company of America under its adjacent registered trade marks.



## "ZEMCO-LITE" WATER-MIX FINISHES

For Cement Block, Cinder Block, Stucco and Brick interior and exterior surfaces.

Designed especially for interior and exterior masonry surfaces, Zemco-Lite water-mix finishes are not affected by alkalies and will not flake or peel. Easy to apply with brush or spray gun Zemco-Lite finishes are also applicable to interior surfaces of plaster, wood and wall board. Five pounds will cover from 125 to 250 square feet, depending on the type of surface.

*Available in 5 lb. and 25 lb. packages. Specify when ordering.*

KMO 817 — White  
KMO 818 — Bone White  
KMO 819 — Ivory  
KMO 820 — Cream  
KMO 821 — Buff  
KMO 822 — Light Gray  
KMO 823 — Green  
KMO 824 — Brick Red  
KMO 825 — Blue



# KENT-MOORE ORGANIZATION INC.

Executive Offices: GENERAL MOTORS BUILDING, DETROIT 2, MICHIGAN

FIELD SALES ORDER NUMBER

ENGINEERS AND MANUFACTURERS OF SERVICE TOOLS AND EQUIPMENT

ORDER NO.	ORDER DATE	AUTHORIZED DEALER FOR	CAR ACCOUNT	ZONE	CUSTOMERS ORDER NO.
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TERMS	REPR.	SHIP VIA	SHIPPED FROM JACKSON	F.O.B.
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SOLD TO

SHIP TO

	QUAN. ORD.	PART NO.	DESCRIPTION	PRICE EACH	TOTAL
1					
2					
3					
4					
5					
6					
7					
8					
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10					
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13					
14					
15					
16					
17					

TOTAL

ELECTRICAL EQUIPMENT SPECIFICATIONS

CURRENT

VOLTAGE

CYCLE

PHASE

Mail to  
KENT-MOORE ORGANIZATION, INC.  
GENERAL MOTORS BLDG DETROIT 2, MICH

FIRM NAME

AUTHORIZED BY

TITLE











## **KENT-MOORE ORGANIZATION INC.**

ENGINEERS AND MANUFACTURERS OF SERVICE TOOLS AND EQUIPMENT

Executive Offices: GENERAL MOTORS BLDG. • DETROIT 2, MICHIGAN  
Factories & General Offices: JACKSON, MICHIGAN